Model 632

Combo Freezer

Original Operating Instructions

030049-M

TAYLOR®

3/00 (Original Publication)
(Updated 8/10/12)

Complete this page for quick reference when service is required:

Taylor Distributor: _____

Address: _____

Phone: _____

Service: _____

Parts: _____

Date of Installation: _____

Information found on the data label:

Model Number: _____

Serial Number: _____

Electrical Specs: Voltage _____ Cycle _____

Phase _____

Maximum Fuse Size: _____ Amps

Minimum Wire Ampacity: _____ Amps

Part Number: _____

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Taylor Company
750 N. Blackhawk Blvd.
Rockton, IL 61072

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Note: Continuing research results in steady improvements; therefore, information in this manual is subject to change without notice.

Note: Only instructions originating from the factory or its authorized translation representative(s) are considered to be the original set of instructions.

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750 N. Blackhawk Blvd.
Rockton, IL 61072

Section 1 To the Installer

The following are general installation instructions. For complete installation details, please see the checkout card.

Note: Only instructions originating from the factory or its authorized translation representative(s) are considered to be the original set of instructions.

Installer Safety

In all areas of the world, equipment should be installed in accordance with existing local codes. Please contact your local authorities if you have any questions.

Care should be taken to ensure that all basic safety practices are followed during the installation and servicing activities related to the installation and service of Taylor equipment.

- Only authorized Taylor service personnel should perform installation and repairs on the equipment.
- Authorized service personnel should consult OSHA Standard 29CFRI910.147 or the applicable code of the local area for the industry standards on lockout/tagout procedures before beginning any installation or repairs.
- Authorized service personnel must ensure that the proper PPE is available and worn when required during installation and service.
- Authorized service personnel must remove all metal jewelry, rings, and watches before working on electrical equipment.

The main power supply(s) to the freezer must be disconnected prior to performing any repairs. Failure to follow this instruction may result in personal injury or death from electrical shock or hazardous moving parts as well as poor performance or damage to the equipment.

Note: All repairs must be performed by an authorized Taylor Service Technician.

This unit has many sharp edges that can cause severe injuries.

Site Preparation

Review the area where the unit will be installed before uncrating the unit. Make sure all possible hazards to the user or the equipment have been addressed.

For Indoor Use Only: This unit is designed to operate indoors, under normal ambient temperatures of 70°-75°F (21°-24°C). The freezer has successfully performed in high ambient temperatures of 104°(40°C) at reduced capacities.

This unit must **NOT** be installed in an area where a water jet or hose can be used. **NEVER** use a water jet or hose to rinse or clean the unit. Failure to follow this instruction may result in electrocution.

This unit must be installed on a level surface to avoid the hazard of tipping. Extreme care should be taken in moving this equipment for any reason. Two or more persons are required to safely move this unit. Failure to comply may result in personal injury or equipment damage.

Uncrate the unit and inspect it for damage. Report any damage to your Taylor Distributor.

This piece of equipment is made in the USA and has USA sizes of hardware. All metric conversions are approximate and vary in size.

Air Cooled Units

DO NOT obstruct air intake and discharge openings:

Air cooled units require a minimum of 3" (76 mm) of clearance around **all** sides of the freezer to allow for adequate air flow across the condensers. A deflector is provided to prevent recirculation of warm air. Failure to allow adequate clearance can reduce the refrigeration capacity of the freezer and possibly cause permanent damage to the compressor.

Water Connections

(Water Cooled Units Only)

An adequate cold water supply must be provided with a hand shut-off valve. On the underside rear of the base pan, two 1/2" I.P.S. water connections for inlet and outlet have been provided for easy hook-up. 1/2" inside diameter water lines should be connected to the machine. (Flexible lines are recommended, if local codes permit.) Depending on local water conditions, it may be advisable to install a water strainer to prevent foreign substances from clogging the automatic water valve. There will be only one water "in" and one water "out" connection for both single-head and double-head units. DO NOT install a hand shut-off valve on the water "out" line! Water should always flow in this order: first, through the automatic water valve; second, through the condenser; and third, through the outlet fitting to an **open trap drain.**

A back flow prevention device is required on the incoming water connection side. Please refer to the applicable National, State, and local codes for determining the proper configuration.

Electrical Connections

In the United States, this equipment is intended to be installed in accordance with the National Electrical Code (NEC), ANSI/NFPA 70-1987. The purpose of the NEC code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This code contains provisions considered necessary for safety. In all other areas of the world, equipment should be installed in accordance with the existing local codes. Please contact your local authorities.

FOLLOW YOUR LOCAL ELECTRICAL CODES!

Each unit requires one power supply for each data label on the unit. Check the data label(s) on the freezer for branch circuit overcurrent protection or fuse, circuit ampacity and other electrical specifications. Refer to the wiring diagram provided inside of the electrical box, for proper power connections.

CAUTION: THIS EQUIPMENT MUST BE PROPERLY GROUNDED! FAILURE TO DO SO CAN RESULT IN SEVERE PERSONAL INJURY FROM ELECTRICAL SHOCK!

This unit is provided with an equipotential grounding lug that is to be properly attached to the rear of the frame by the authorized installer. The installation location is marked by the equipotential bonding symbol (5021 of IEC 60417-1) on both the removable panel and the equipment's frame.

- Stationary appliances which are not equipped with a power cord and a plug or another device to disconnect the appliance from the power source must have an all-pole disconnecting device with a contact gap of at least 3 mm installed in the external installation.
- Appliances that are permanently connected to fixed wiring and for which leakage currents may exceed 10 mA, particularly when disconnected, not used for long periods, or during initial installation, shall have protective devices such as a GFI to protect against the leakage of current, installed by authorized personnel to the local codes.
- Supply cords used with this unit shall be oil-resistant, sheathed flexible cable not lighter than ordinary polychloroprene or other equivalent synthetic elastomer-sheathed cord (Code designation 60245 IEC 57) installed with the proper cord anchorage to relieve conductors from strain, including twisting, at the terminals and protect the insulation of the conductors from abrasion.

Beater Rotation

Beater rotation must be clockwise as viewed looking into the freezing cylinder.

Note: The following procedures must be performed by an authorized Taylor service technician.

To correct the rotation on a three–phase unit, interchange any two incoming power supply lines at freezer main terminal block only.

To correct rotation on a single–phase unit, change the leads inside the beater motor. (Follow the diagram printed on the motor.)

Electrical connections are made directly to the terminal block provided in the main control box located behind the service panel.

Refrigerant

In consideration of our environment, Taylor proudly uses only earth friendly HFC refrigerants. The HFC refrigerant used in this unit is R404A. This refrigerant is generally considered non-toxic and non-flammable, with an Ozone Depleting Potential (ODP) of zero (0).

However, any gas under pressure is potentially hazardous and must be handled with caution. NEVER fill any refrigerant cylinder completely with liquid. Filling the cylinder to approximately 80% will allow for normal expansion.

Use only R134a refrigerant that conforms to the AHI standard 700 specification. The use of any other refrigerant may expose users and operators to unexpected safety hazards.

Refrigerant liquid sprayed onto the skin may cause serious damage to tissue. Keep eyes and skin protected. If refrigerant burns should occur, flush immediately with cold water. If burns are severe, apply ice packs and contact a physician immediately.

Taylor reminds technicians to be cautious of government laws regarding refrigerant recovery, recycling, and reclaiming systems. If you have any questions regarding these laws, please contact the factory Service Department.

WARNING: R404A refrigerant used in conjunction with polyolester oils is extremely moisture absorbent. When opening a refrigeration system, the maximum time the system is open must not exceed 15 minutes. Cap all open tubing to prevent humid air or water from being absorbed by the oil.

Section 2 To the Operator

The freezer you have purchased has been carefully engineered and manufactured to give you dependable operation. The Taylor Model 632, when properly operated and cared for, will produce a consistent quality product. Like all mechanical products, this machine will require cleaning and maintenance. A minimum amount of care and attention is necessary if the operating procedures outlined in this manual are followed closely.

This Operator's Manual should be read before operating or performing any maintenance on your equipment.

Your Taylor freezer will NOT eventually compensate for and correct any errors during the set-up or filling operations. Thus, the initial assembly and priming procedures are of extreme importance. It is strongly recommended that personnel responsible for the equipment's operation, both assembly and disassembly, go through these procedures together in order to be properly trained and to make sure that no confusion exists.

In the event you should require technical assistance, please contact your local authorized Taylor Distributor.

Note: Warranty is valid only if the parts are authorized Taylor parts, purchased from an authorized Taylor Distributor, and the required service work is provided by an authorized Taylor service technician. Taylor reserves the right to deny warranty claims on equipment or parts if non-approved parts or refrigerant were installed in the machine, system modifications were performed beyond factory recommendations, or it is determined that the failure was caused by neglect or abuse.

Note: Constant research results in steady improvements; therefore, information in this manual is subject to change without notice.

If the crossed out wheeled bin symbol is affixed to this product, it signifies that this product is compliant with the EU Directive as well as other similar legislation in effect after August 13, 2005. Therefore, it must be collected separately after its use is completed, and cannot be disposed as unsorted municipal waste.

The user is responsible for returning the product to the appropriate collection facility, as specified by your local code.

For additional information regarding applicable local laws, please contact the municipal facility and/or local distributor.

Compressor Warranty Disclaimer

The refrigeration compressor(s) on this machine are warranted for the term indicated on the warranty card accompanying this machine. However, due to the Montreal Protocol and the U.S. Clean Air Act Amendments of 1990, many new refrigerants are being tested and developed, thus seeking their way into the service industry. Some of these new refrigerants are being advertised as drop-in replacements for numerous applications. It should be noted that, in the event of ordinary service to this machine's refrigeration system, **only the refrigerant specified on the affixed data label should be used**. The unauthorized use of alternate refrigerants will void your compressor warranty. It will be the owner's responsibility to make this fact known to any technician he employs.

It should also be noted that Taylor does not warrant the refrigerant used in its equipment. For example, if the refrigerant is lost during the course of ordinary service to this machine, Taylor has no obligation to either supply or provide its replacement either at billable or unbillable terms. Taylor does have the obligation to recommend a suitable replacement if the original refrigerant is banned, obsoleted, or no longer available during the five year warranty of the compressor.

Taylor will continue to monitor the industry and test new alternates as they are being developed. Should a new alternate prove, through our testing, that it would be accepted as a drop-in replacement, then the above disclaimer would become null and void. To find out the current status of an alternate refrigerant as it relates to your compressor warranty, call the local Taylor Distributor or the Taylor Factory. Be prepared to provide the Model/Serial Number of the unit in question.

Section 3 Safety

We, at Taylor Company, are concerned about the safety of the operator when he or she comes in contact with the freezer and its parts. Taylor has gone to extreme efforts to design and manufacture built-in safety features to protect both you and the service technician. As an example, warning labels have been attached to the freezer to further point out safety precautions to the operator.

IMPORTANT - Failure to adhere to the following safety precautions may result in severe personal injury or death. Failure to comply with these warnings may damage the machine and its components. Component damage will result in part replacement expense and service repair expense.

DO NOT operate the freezer without reading this Operator Manual. Failure to follow this instruction may result in equipment damage, poor freezer performance, health hazards, or personal injury.

Per IEC 60335-1 and its part 2 standards, "This appliance is to be used only by trained personnel. It is not intended for use by children or people with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless given supervision or instruction concerning the use of the appliance by a person responsible for their safety."

This unit is provided with an equipotential grounding lug that is to be properly attached to the rear of the frame by the authorized installer. The installation location is marked by the equipotential bonding symbol (5021 of IEC 60417-1) on both the removable panel and the equipment's frame.

DO NOT use a water jet to clean or rinse the freezer. Failure to follow these instructions may result in serious electrical shock.

- **DO NOT** operate the freezer unless it is properly grounded.
- **DO NOT** operate the freezer with larger fuses than specified on the freezer data label.
- All repairs must be performed by an authorized Taylor service technician. The main power supplies to the machine must be disconnected prior to performing any repairs.
- Cord Connected Units: Only Taylor authorized service technicians may install a plug on this unit.
- Stationary appliances which are not equipped with a power cord and a plug or another device to disconnect the appliance from the power source must have an all-pole disconnecting device with a contact gap of at least 3 mm installed in the external installation.
- Appliances that are permanently connected to fixed wiring and for which leakage currents may exceed 10 mA, particularly when disconnected, not used for long periods, or during initial installation, shall have protective devices such as a GFI to protect against the leakage of current, installed by authorized personnel to the local codes.
- Supply cords used with this unit shall be oil-resistant, sheathed flexible cable not lighter than ordinary polychloroprene or other equivalent synthetic elastomer-sheathed cord (Code designation 60245 IEC 57) installed with the proper cord anchorage to relieve conductors from strain, including twisting, at the terminals and protect the insulation of the conductors from abrasion.

Failure to follow these instructions may result in electrocution. Contact your local authorized Taylor Distributor for service.

- **DO NOT** allow untrained personnel to operate this machine.
- **DO NOT** operate the freezer unless all service panels and access doors are restrained with screws.
- **DO NOT** remove any internal operating parts (examples: freezer door, beater, scraper blades, etc.) unless all control switches are in the OFF position.

Failure to follow these instructions may result in severe personal injury to fingers or hands from hazardous moving parts.

This unit has many sharp edges that can cause severe injuries.

- **DO NOT** put objects or fingers in the door spout. This may contaminate the product and cause severe personal injury from blade contact.
- **USE EXTREME CAUTION** when removing the beater asssembly. The scraper blades are very sharp.
- **CAUTION–SHARP EDGES:** Two people are required to handle the cup/cone dispenser. Protective gloves must be worn and the mounting holes must NOT be used to lift or hold the dispenser. Failure to follow this instruction can result in personal injury to fingers or equipment damage.

This freezer must be placed on a level surface. Failure to comply may result in personal injury or equipment damage.

Cleaning and sanitizing schedules are governed by your state or local regulatory agencies and must be followed accordingly. Please refer to the cleaning section of this manual for the proper procedure to clean this unit.

DO NOT obstruct air intake and discharge openings:

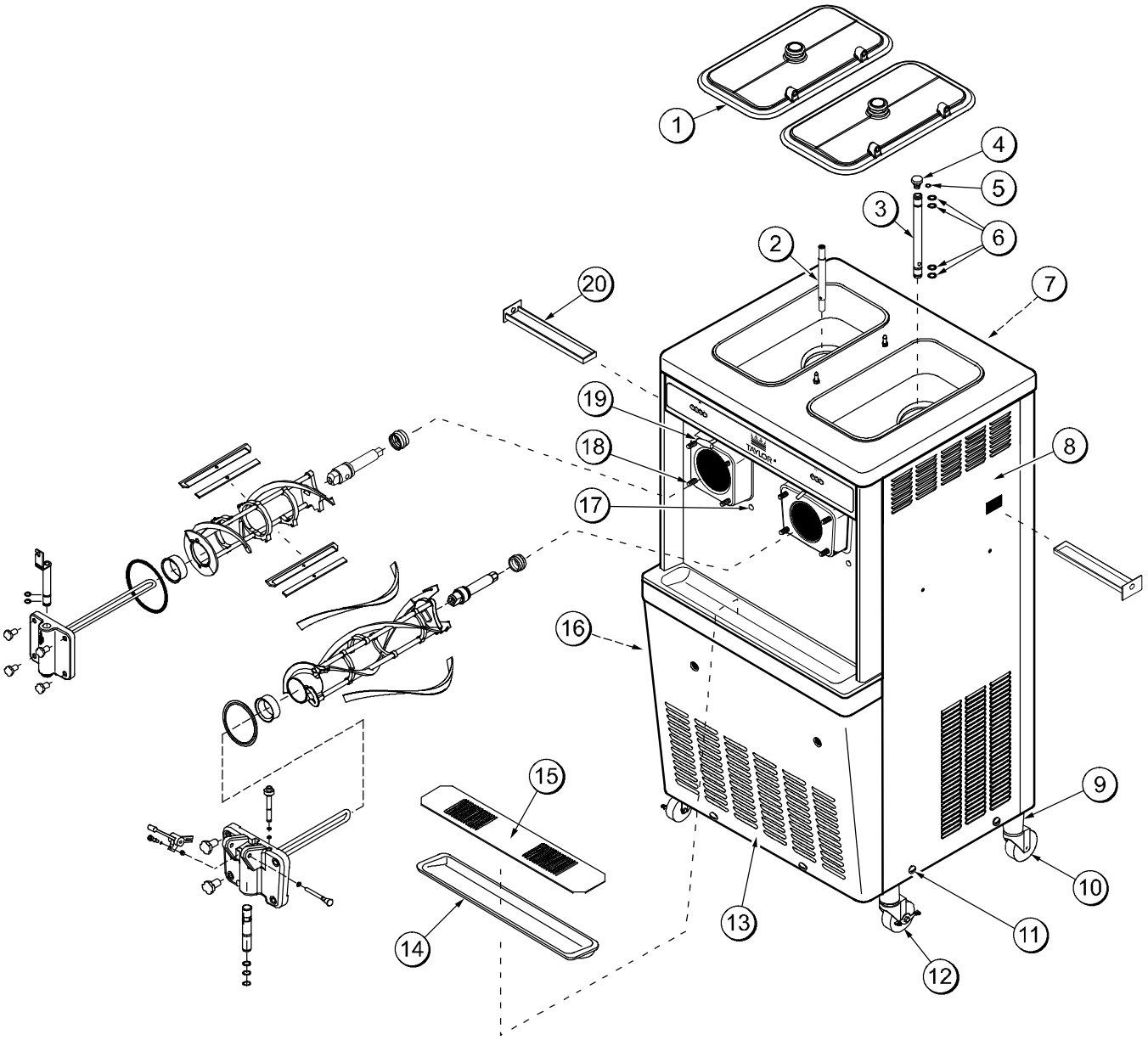
The minimum required air space on all sides is 3" (76 mm). A deflector is provided to prevent recirculation of warm air. Failure to follow this instruction may cause poor freezer performance and damage to the machine.

For Indoor Use Only: This unit is designed to operate indoors, under normal ambient temperatures of 70° - 75°F (21° - 24°C). The freezer has successfully performed in high ambient temperatures of 104°(40°C) at reduced capacities.

NOISE LEVEL: Airborne noise emission does not exceed 78 dB(A) when measured at a distance of 1.0 meter from the surface of the machine and at a height of 1.6 meters from the floor.

Section 4 Operator Parts Identification

Model 632 Exploded View



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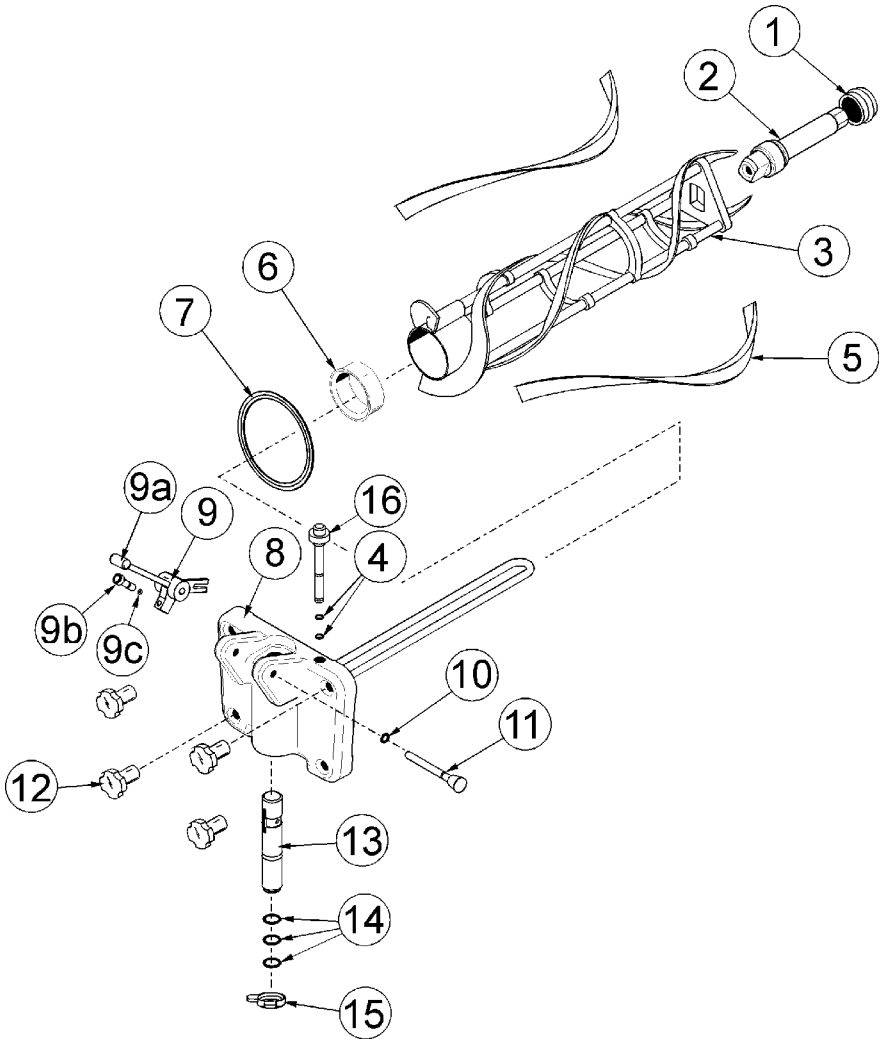
Model 632 Parts Identification List

ITEM	DESCRIPTION	PART NO.
1	COVER-HOPPER	053809
2	TUBE-FEED-SHAKE-5/16 HOLE	028967-7
3	TUBE A.-FEED-SS-5/32 HOLE	X29429-2
4	ORIFICE	022465-100
5	O-RING-3/8 OD X .070 WIDE	016137
6	O-RING-.643 OD X .077 WIDE	018572
7	PANEL-REAR	053782
8	PANEL-SIDE-RIGHT	067577
9	ADAPTOR A.-CASTER	X18915
10	CASTER-SWV 5/8 STEM 4 IN WHEEL	018794

ITEM	DESCRIPTION	PART NO.
11	SCREW-1/4-20X3/8 RHM-SS	011694
12	CASTER 4” SWV 5/8 STEM W/BRAKE	034081
13	PANEL-SERVICE	024439
14	TRAY-DRIP 22-7/8L X 5-1/5W	014533
15	SHIELD-SPLASH	037041
16	PANEL-SIDE-LEFT	067578
17	BOLT-CARRIAGE 1/4-20X3/4 SS	012347
18	STUD-NOSE CONE	022822
19	KNOB-DRAW VALVE	013635
20	PAN-DRIP 11-5/8 LONG	027503

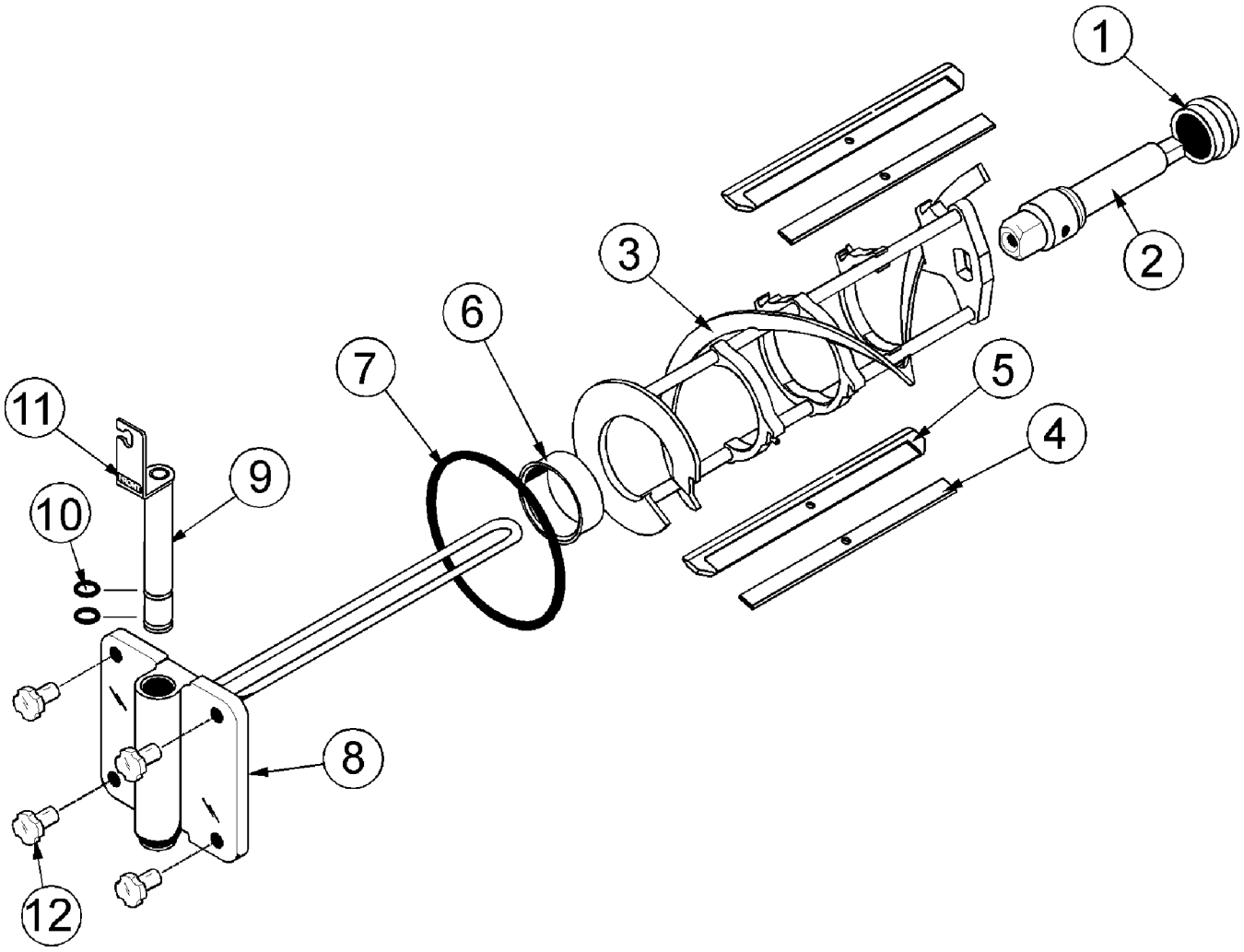
Soft Serve Door Assembly Exploded View



Item	Description	Part No.
1	Seal-Drive Shaft	032560
2	Shaft-Beater	032564
3	Beater A.-3.4 Qt. 1 Pin	X31761
4	O-Ring-3/8 OD x .070 W	016137
5	Blade-Scraper-Plastic	035174
6	Bearing-Front	050216
7	Gasket-Door HT 4" Double	048926
8	Door A.-1 Spout	X51531-10
9	Handle A.-Draw-Adj.	X26996
9a	Draw Handle	044197

Item	Description	Part No.
9b	Screw-Adjustment	033662
9c	O-Ring (Adjustment Screw)	015872
10	O-Ring 5/16 OD x .070 W	016272
11	Pin A.-Pivot	X22820
12	Nut-Stud	021508
13	Valve A.-Draw	X18303
14	O-Ring 7/8 OD x .103 W	014402
15	Cap-Design 1.010" ID - 6 Point	014218
16	Plug-Prime	028805

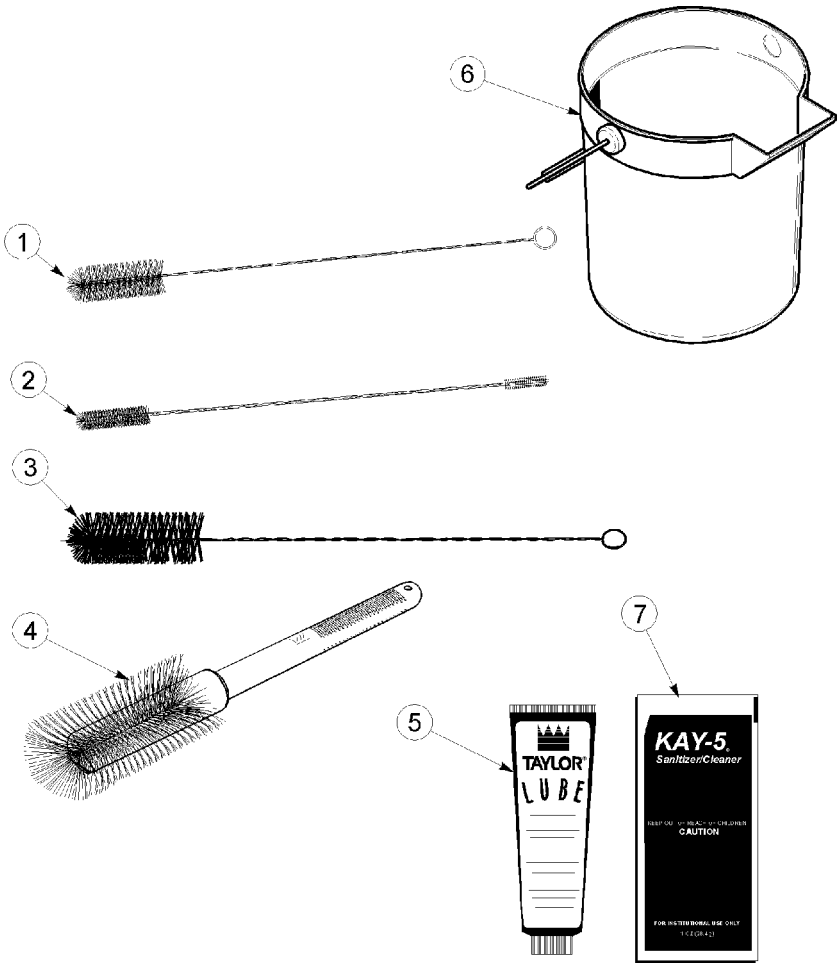
Shake Door Assembly Exploded View



Item	Description	Part No.
1	Seal-Drive Shaft	032560
2	Shaft-Beater	032790
3	Beater A.-7 Qt.-1 Pin	X46233
4	Clip-Scraper Blade - 8.75"	046238
5	Blade-Scraper-Plastic	046237
6	Bearing-Front	013116

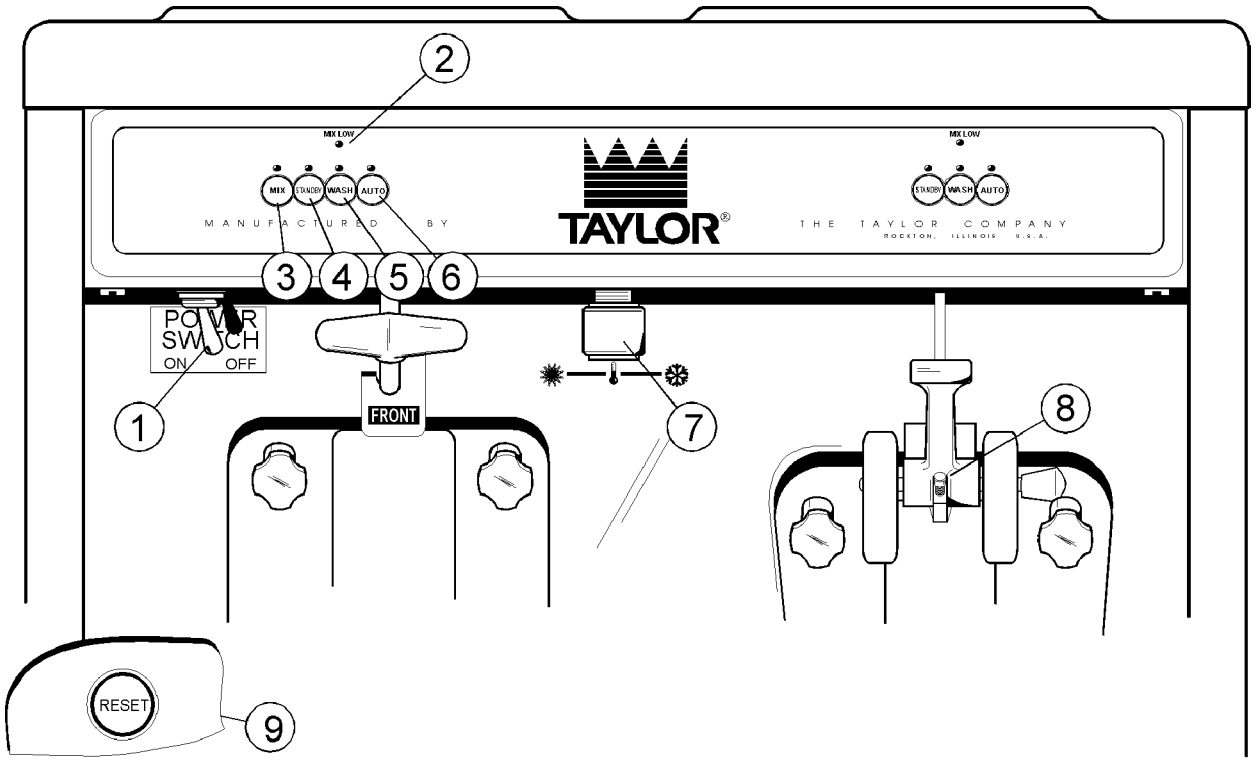
Item	Description	Part No.
7	Gasket-Door	016672
8	Door Assembly	X30272-SER
9	Valve A.-Draw	X13624-SP
10	O-Ring - 1-1/16 OD	020571
11	Decal-Lift Plate Front	015200
12	Nut-Stud - General Usage	021508

Accessories



Item	Description	Part No.
1	Brush–Rear Bearing	013071
2	Brush–Double Ended	013072
3	Brush–Draw Valve	014753
4	Brush–Mix Hopper	023316
5	Lubricant–Taylor 4 oz.	047518
6	Pail–Mix 10 qt.	013163
7	Sanitizer – Kay 5 (125 Packets)	041082

Section 5 Important: To the Operator



Item	Description
1	Power Switch
2	Mix Low Indicator Light
3	Mix (Hopper Refrigeration)
4	Standby
5	Wash
6	Auto
7	Thermistor Control
8	Adjustable Draw Handle
9	Reset Button

Power Switch

When placed in the ON position, the power switch allows SOFTECH control panel operation.

Indicator Light - Mix low

Located on the front of the machine is a mix level indicating light. When the light is flashing, it indicates that the mix hopper has a low supply of mix and should be refilled as soon as possible. Always maintain at least 3" (76 mm) of mix in the hopper. If you neglect to add mix, a freeze-up may occur. This will cause eventual damage to the beater, blades, drive shaft, and freezer door.

Mix Ref

When the MIX REF key is pressed, the light comes on indicating the mix hopper refrigeration system is operating. MIX REF is controlled by the left side of the freezer as viewed from the operator end. The MIX REF function cannot be cancelled unless the AUTO or STANDBY modes are cancelled first.

Standby

The Separate Hopper Refrigeration System (SHR) and the Cylinder Temperature Retention System (CTR) are standard features. The SHR incorporates the use of a separate small refrigeration system to maintain the mix in the hopper below 40°(4.4°C) to assure bacteria control. The CTR works with the SHR to maintain a good quality product. During long "No Sale" periods, it is necessary to warm the product in the freezing cylinder to approximately 35°F to 40°F (1.7°C to 4.4°C) to prevent overbeating and product breakdown.

To activate the SHR and CTR, press the STANDBY key. Remove the air orifice and place the air tube (**end without the hole**) into the mix inlet hole.

When the STANDBY key is pressed, the light comes on, indicating the CTR (Cylinder Temperature Retention System) has been activated. In the STANDBY mode, the WASH and AUTO functions are automatically cancelled. The MIX REF function is automatically locked in to maintain the mix in the hopper.

To resume normal operation, press the AUTO key. When the unit cycles off, the product in the freezing cylinder will be at serving viscosity. At this time, place the air tube (**end with the hole**) into the mix inlet hole and install the air orifice.

Wash

When the WASH key is pressed, the light comes on. This indicates beater motor operation. The STANDBY or AUTO modes must be cancelled first to activate the WASH mode.

Auto

When the AUTO key is pressed, the light comes on. This indicates that the main refrigeration system has been activated. In the AUTO mode, the WASH or STANDBY functions are automatically cancelled. The MIX REF function is automatically locked in to maintain the mix in the mix hopper.

Note: An indicating light and an audible tone will sound whenever a mode of operation has been pressed. To cancel any function, press the key again. The light and mode of operation will shut off.

Thermistor Control

The thermistor control is used to vary the "cycle off" temperature for the shake side of the machine. The serving temperature of the shake can be adjusted colder by turning the knob to the right. To achieve a warmer temperature, turn the knob to the left.

Reset Button

The reset button is located in the service panel. The reset protects the beater motor from an overload condition. If an overload occurs, the reset mechanism will trip. To properly reset the freezer, press the AUTO key to cancel the cycle. Turn the power switch to the OFF position. Press the reset button firmly.

Note: Do not use metal objects to press the reset button. Failure to follow this instruction may result in electrocution.

Turn the power switch to the ON position. Press the WASH key and observe the freezer's performance. Open the side access panel. Make sure the beater motor is turning the drive shaft in a clockwise direction (from the operator end) without binding.

If the beater motor is turning properly, press the WASH key to cancel the cycle. Press the AUTO key to resume normal operation.

Air Tube (Soft Serve)

The air tube serves two purposes. One end of the tube has a hole and the other end does not.

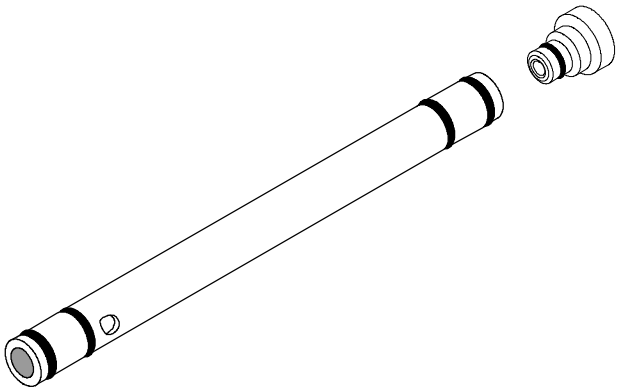


Figure 1

1. After priming the machine, lubricate the o-rings on the air tube (**the end with the hole**) and place it into the mix inlet hole. Every time the draw handle is raised, new mix and air from the hopper will flow down into the freezing cylinder. This will keep the freezing cylinder properly loaded and will maintain overrun.

2. During long "No Sale" periods, remove the air orifice. Lubricate the o-rings on the air tube (**the end without the hole**), and place it into the mix inlet hole. This will prevent any mix from entering the freezing cylinder.

   The air orifice is used to meter a certain amount of air into the freezing cylinder. The air orifice maintains overrun and allows enough mix to enter the freezing cylinder after a draw.

Air Tube (Shake)

After priming the machine, install the air tube. Install the air tube in the position that will allow for the hole marked "1" to be in the down position. This is the AUTO position, and will allow mix and air to travel to the freezing cylinder while product is being dispensed.

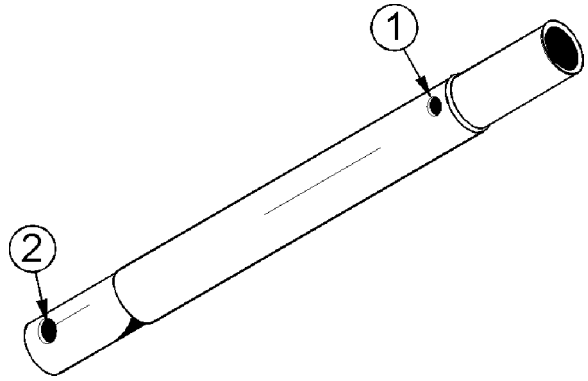


Figure 2

During long "No Sale" periods, reverse the position of the air tube. Position the air tube to allow the hole marked "2" to be in the down position. This is the STANDBY position, and will prevent any mix from entering the freezing cylinder.

Note: Be sure to place the air tubes in the correct position when returning the freezer to the AUTO position.

Adjustable Draw Handle (Soft Serve Only)

These units feature an adjustable draw handle to provide the best portion control. The draw handle should be adjusted to provide a flow rate of 5 to 7-1/2 oz. of product per 10 seconds. To INCREASE the flow rate, turn the screw COUNTERCLOCKWISE. Turn the screw CLOCKWISE to DECREASE the flow rate. During Sanitizing and Rinsing, the flow rate can be increased by removing the pivot pin and placing the restrictive bar on the TOP. When drawing product, **always** place the restrictive bar on the bottom.

Section 6 Operating Procedures

We begin our instructions at the point where we enter the store in the morning and find the parts disassembled and laid out to air dry from the previous night's cleaning.

These opening procedures will show you how to assemble these parts into the freezer, sanitize them, and prime the freezer with fresh mix in preparation to serve your first portion.

If you are disassembling the machine for the first time or need information to get to this starting point in our instructions, turn to page 25, "Disassembly", and start there.

Prior To Set-Up For Units With A Syrup Rail (Optional Feature)

Step 1
Remove the two stainless syrup jars with topping pumps from the syrup rail. Check the water level in the heated syrup topping well. Make sure the water is filled to the indicating mark on the bottom of the well.

Step 2
Place the heater switch in the ON position.

Note: This heating process will take approximately 2-1/2 hours to reach temperature. The water level in the topping wells must be checked at least once daily.

Step 3
Prepare a pail of approved 100 PPM sanitizing solution (examples: 2-1/2 gal. [9.5 liters] of Kay-5® or 2 gal. [7.6 liters] of Stera-Sheen®). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS. Sanitize the topping pumps by placing the entire pump assembly in the pail of sanitizing solution. Pump the solution through the assembly to thoroughly sanitize the pump.

Step 4
Remove the two topping pumps. Fill each stainless syrup jar with topping. Replace the topping pumps in the syrup jars.

Freezing Cylinder Assembly - Soft Serve Side

Note: When lubricating parts, use an approved food grade lubricant (example: Taylor Lube).

MAKE SURE CONTROL SWITCH IS IN THE "OFF" POSITION. Failure to do so may cause injury from hazardous moving parts, or electrocution.

Step 1
Install the drive shaft. Lubricate the groove and shaft portion that comes in contact with the bearing on the beater drive shaft. Slide the seal over the shaft and groove until it snaps into place. **DO NOT** lubricate the hex end of the drive shaft. Fill the inside portion of the seal with 1/4" more lubricant and lubricate the flat side of the seal that fits onto the rear shell bearing.

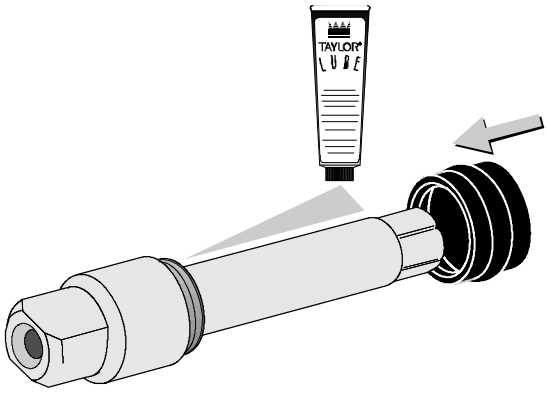


Figure 3

Insert the drive shaft into the freezing cylinder, hex end first, and into the rear shell bearing until the seal fits securely over the rear shell bearing. Engage the hex end firmly into the drive coupling. Be sure the drive shaft fits into the drive coupling without binding.

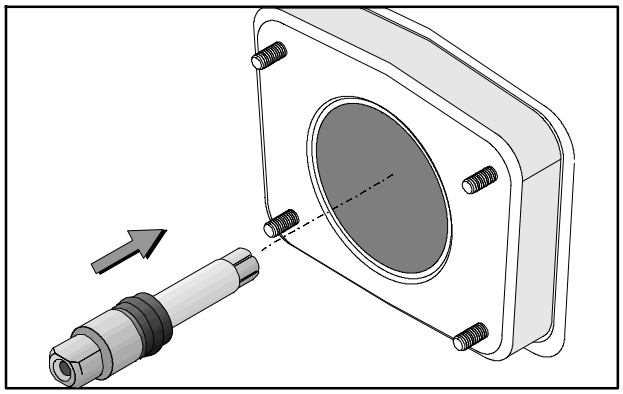


Figure 4

Step 2
Take one of the scraper blades and slip it under the hook at the front of the beater. Wrap the blade around the beater following the helix and pushing the blade down onto the helix as you wrap. At the back end of the beater, slip the blade under the hook. **Repeat this step** for the second scraper blade.

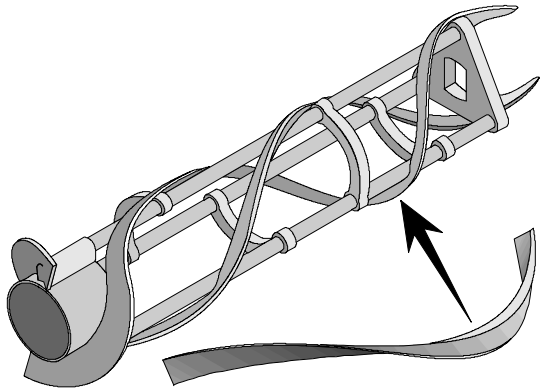


Figure 5

Holding the beater securely, slide the beater one third of the way into the freezing cylinder. Looking into the freezing cylinder, align the hole at the rear of the beater with the flats on the end of the drive shaft.

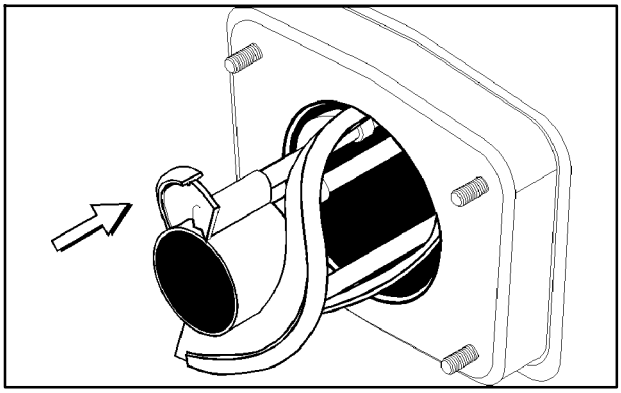


Figure 6

Slide the beater the remainder of the way into the freezing cylinder and over the end of the drive shaft. The beater should fit snugly, but not so tightly that the beater cannot be turned slightly to engage the drive shaft. If the beater slides in too easily with little or no resistance, there will not be enough force against the beater to hold the blades in place. If this is the case, contact your authorized Taylor service agent.

Step 3
Assemble the freezer door. Place the large rubber gasket into the groove on the back side of the freezer door.

Slide the white plastic front bearing over the baffle rod onto the bearing hub making certain that the flanged end of the bearing is resting against the freezer door. DO NOT LUBRICATE THE GASKET OR THE FRONT BEARING.

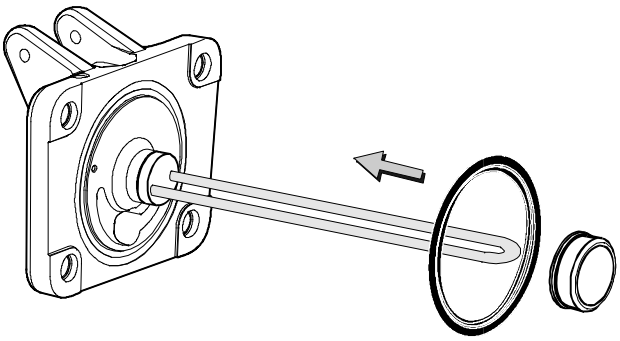


Figure 7

Slide the two o-rings into the grooves on the prime plug. Apply an even coat of Taylor Lube to the o-rings and shaft.

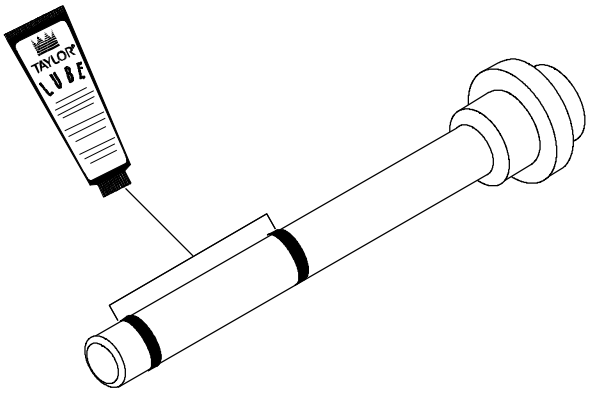


Figure 8

Insert the prime plug into the hole in the top of the freezer door, and push down.

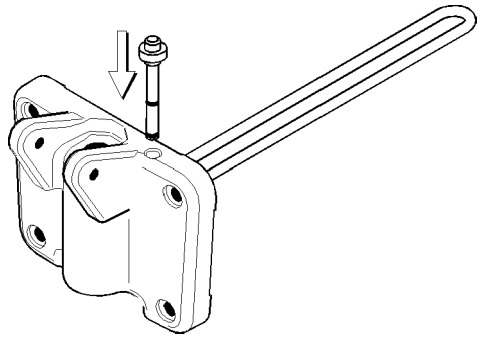


Figure 9

Step 4
Install the freezer door. Insert the baffle rod through the opening in the beater and seat the door flush with the freezing cylinder. With the door seated on the freezer studs, install the handscrews. Tighten equally in a crisscross pattern to insure the door is snug.

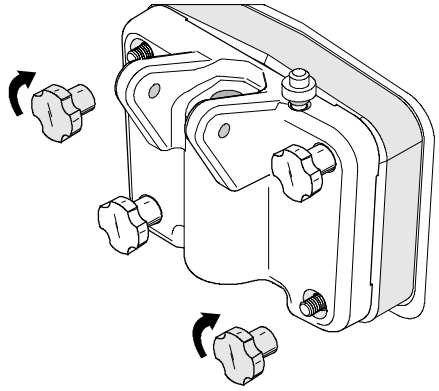


Figure 10

Step 5
Install the draw valve. Slide the two o-rings into the grooves on the draw valve, and lubricate.

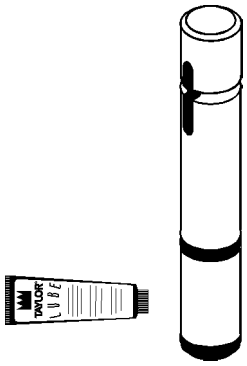


Figure 11

Lubricate the inside of the freezer door spout, top and bottom, and insert the draw valve from the **bottom** until the slot in the draw valve comes into view.

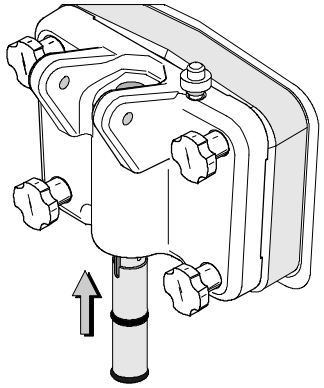


Figure 12

Step 6
Install the adjustable draw handle. Slide the o-ring into the groove on the pivot pin, and lubricate.

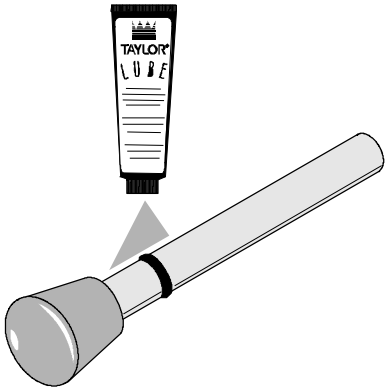


Figure 13

Slide the fork over the bar in the slot of the draw valve. Secure with pivot pin.

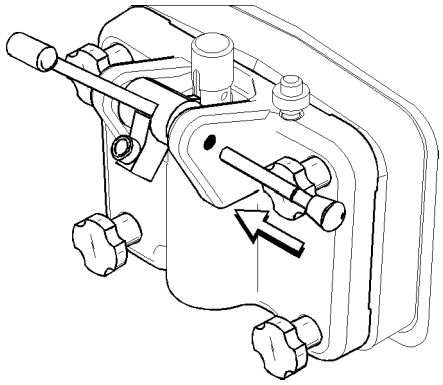


Figure 14

Note: These units feature adjustable draw handles to provide the best portion control. The draw handles can be adjusted for different flow rates. See page 14 for more information on adjusting these handles.

Step 7
Snap the design cap over the end of the door spout.

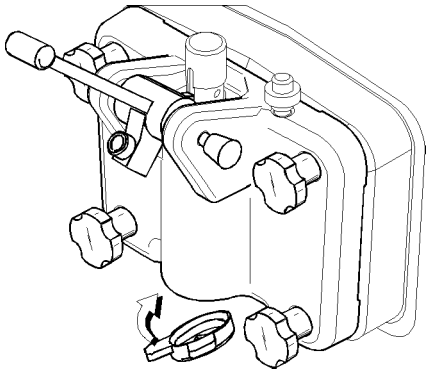


Figure 15

Step 8
Slide two o-rings on one end of the air tube. Slide two o-rings on the other end of the air tube.

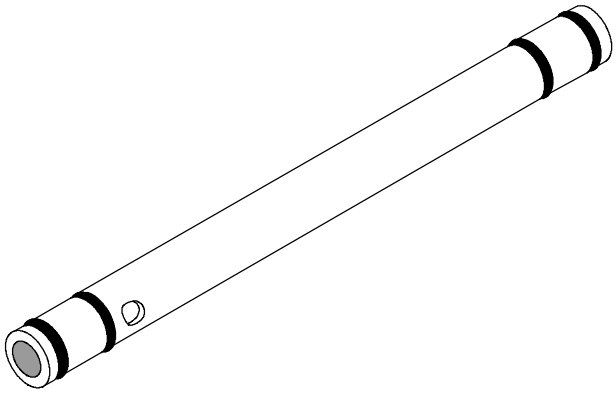


Figure 16

Slide the small o-ring into the groove of the air orifice. Do not lubricate the o-ring.

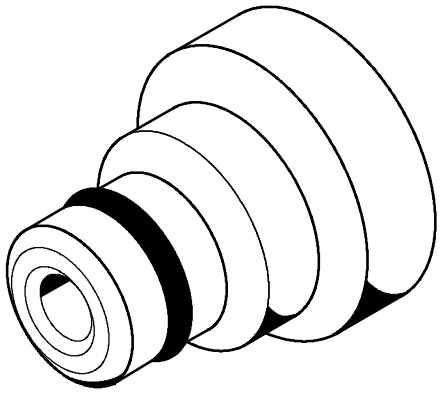


Figure 17

Note: Make sure the hole in the air orifice is clean and is not clogged. If the hole in the air orifice should become clogged, use soap and hot water to clear the hole. **Do not enlarge the hole in the air orifice.**

Install the air orifice into the hole in the top of the air tube (in the end without the small hole on the side).

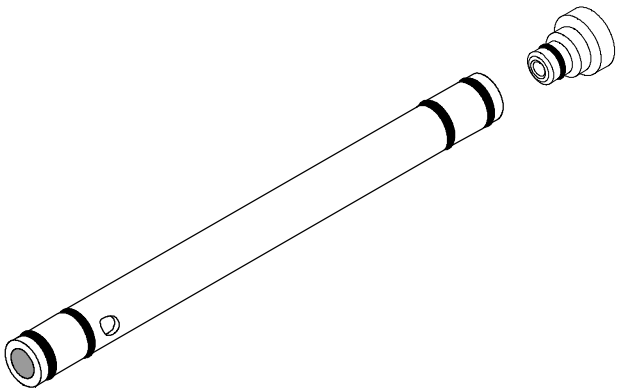


Figure 18

Step 9
Lay the air tube (with the air orifice installed) in the bottom of the mix hopper for sanitizing.

Note: The air tube for the shake side does not require o-rings or an air orifice.

Freezing Cylinder Assembly - Shake Side

Note: When lubricating parts, use an approved food grade lubricant (example: Taylor Lube).

MAKE SURE CONTROL SWITCH IS IN THE "OFF" POSITION. Failure to do so may cause injury from hazardous moving parts, or electrocution.

Step 1
Install the drive shaft. Lubricate the groove and shaft portion that comes in contact with the bearing on the beater drive shaft. Slide the seal over the shaft and groove until it snaps into place. **DO NOT** lubricate the hex end of the drive shaft. Fill the inside portion of the seal with 1/4" more lubricant and lubricate the flat side of the seal that fits onto the rear shell bearing.

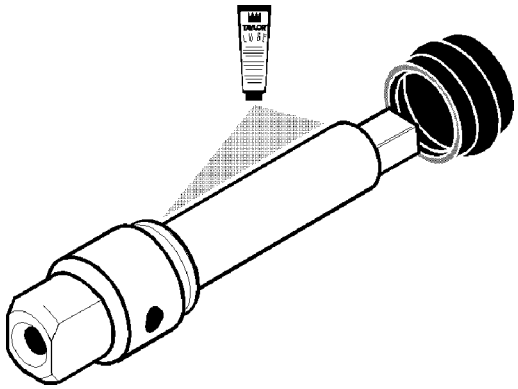


Figure 19

Insert the drive shaft into the freezing cylinder, hex end first, and into the rear shell bearing until the seal fits securely over the rear shell bearing. Engage the hex end firmly into the drive coupling. Be sure the drive shaft fits into the drive coupling without binding.

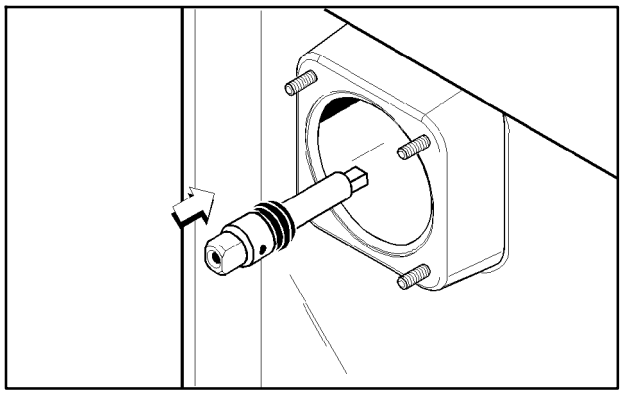


Figure 20

Step 2
Install the beater assembly. First check the scraper blades for any nicks or signs of wear. If any nicks are present, replace the blade(s).

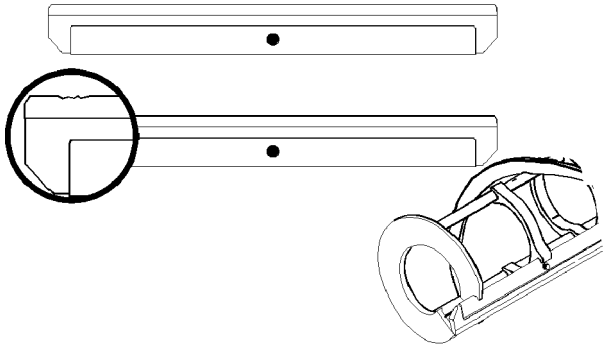


Figure 21

Note: To prevent costly damage, the hole on the scraper blade must fit securely over the pin.

If blades are in good condition, install the scraper blade clips on the scraper blades. Place the rear scraper blade over the rear holding pin on the beater (knife edge to the outside). Holding the rear blade on the beater, slide the assembly into the freezing cylinder halfway, tail end first. Install the front scraper blade over the front holding pin. Slide the beater assembly completely into the freezing cylinder.

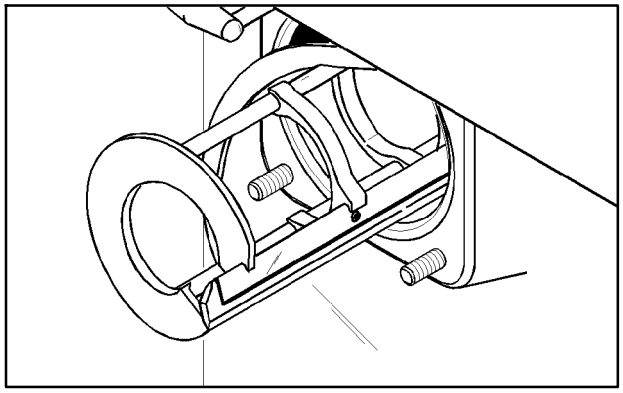


Figure 22

Step 3
Install the draw valve. Slide the two o-rings into the grooves on the draw valve and lubricate the bottom 1/2 of the valve.

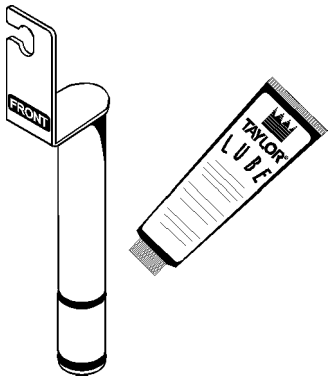


Figure 23

Lubricate the inside of the freezer door spout, top and bottom, and insert the draw valve into the freezer door from the top. It will be necessary to rotate the draw valve to the right when assembling the door to the freezer.

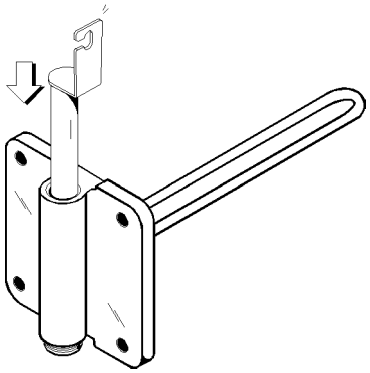


Figure 24

Step 4
Install the freezer door. Place the freezer door gasket into the groove on the back of the freezer door. Slide the front bearing over the baffle rod so the flanged edge is against the door. DO NOT LUBRICATE THE GASKET OR BEARING.

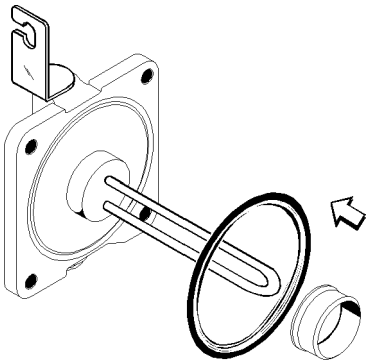


Figure 25

Insert the baffle rod through the beater in the freezing cylinder. With the door seated on the freezer studs, install the stud nuts. Tighten equally in a criss-cross pattern to insure the door is snug.

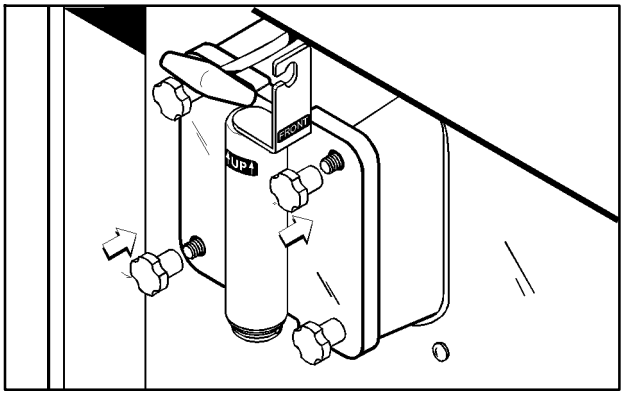


Figure 26

Rotate the draw valve bracket to the left and center it into position by raising the draw arm and placing it into the slotted groove of the draw valve bracket.

Note: The draw valve bracket must be positioned with the notch to the left.

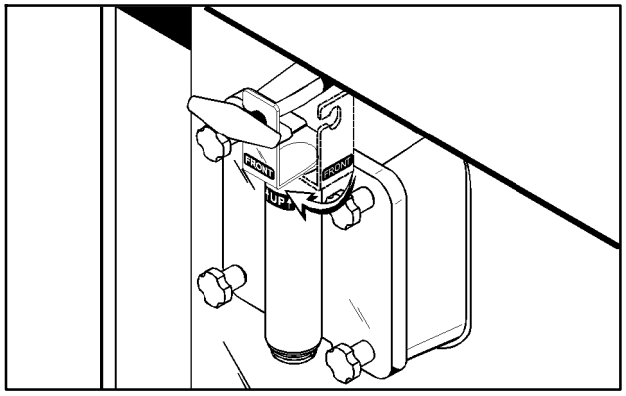


Figure 27

Step 5
Lay the air tube in the bottom of the mix hopper.

Step 6
Slide the rear drip pan(s) into the hole in the side panel.

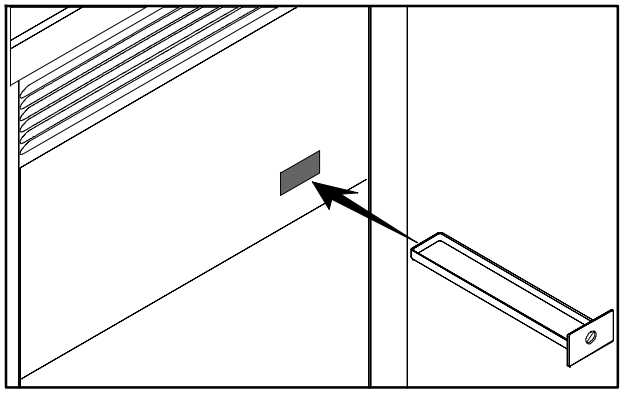


Figure 28

Step 7
Install the drip tray and splash shield.

Sanitizing

Step 1
Prepare a pail of approved 100 PPM sanitizing solution (examples: 2-1/2 gal. [9.5 liters] of Kay-5® or 2 gal. [7.6 liters] of Stera-Sheen®). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS.

Step 2
Pour the sanitizing solution into the hopper and allow it to flow into the freezing cylinder.

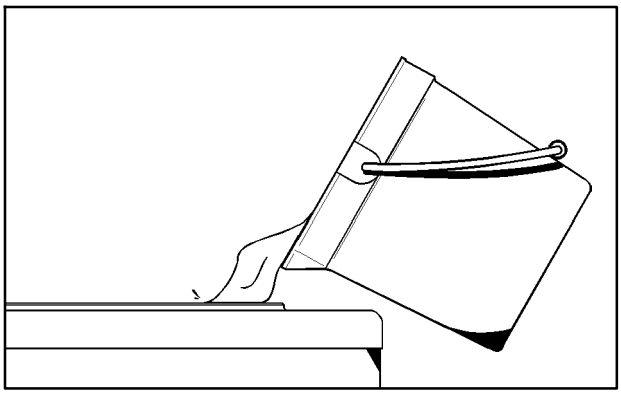


Figure 29

Step 3
While the solution is flowing into the freezing cylinder, brush clean the mix hopper. While cleaning the mix hopper, take particular care in brushing the mix level sensing probe on the rear wall of the hopper, the mix inlet hole, and the air tubes.

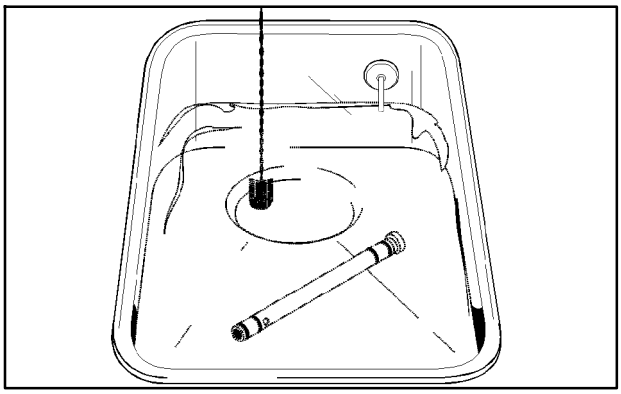


Figure 30

Step 4
Place the power switch in the ON position.

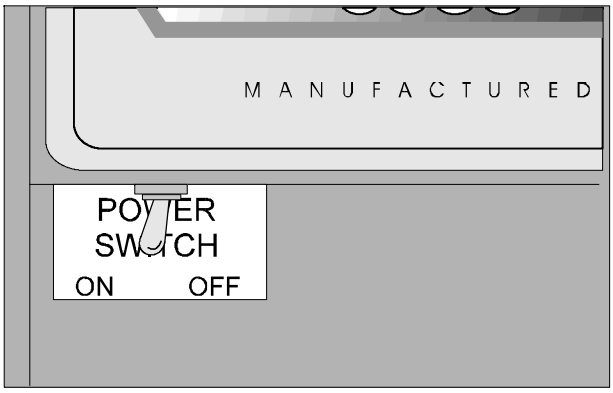


Figure 31

Step 5
Press the WASH key. This will cause the sanitizing solution in the freezing cylinder to agitate. Allow it to agitate for five minutes.

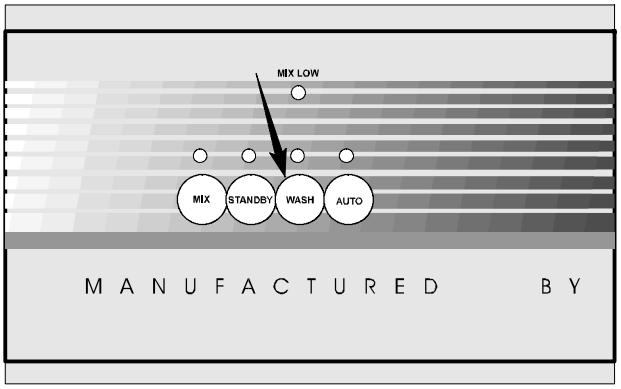


Figure 32

Step 6
Place an empty pail beneath the door spout. Raise the prime plug (soft serve side only).

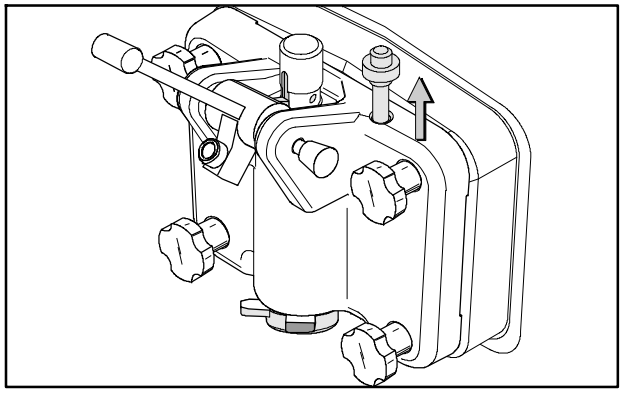


Figure 33

Step 7
When a **steady** stream of sanitizing solution is flowing from the prime plug opening in the bottom of the freezer door, open the draw handle. Draw off all the sanitizing solution.

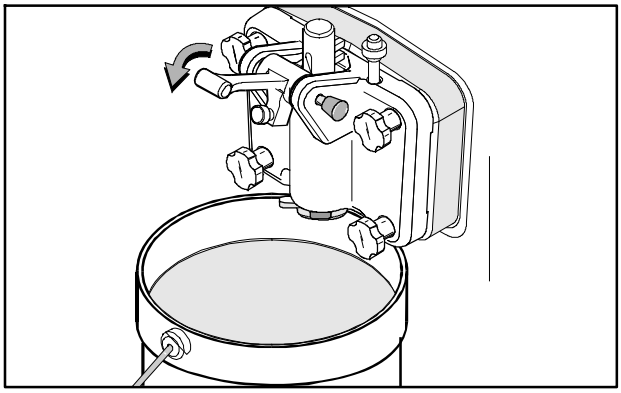


Figure 34

Step 8
Once the sanitizer stops flowing from the door spout, close the draw handle and press the WASH key, cancelling the beater motor operation.

Note: You have just sanitized the freezer. **Be sure your hands are sanitized** before continuing these instructions.

Step 9
Stand the air tube in the corner of the hopper.

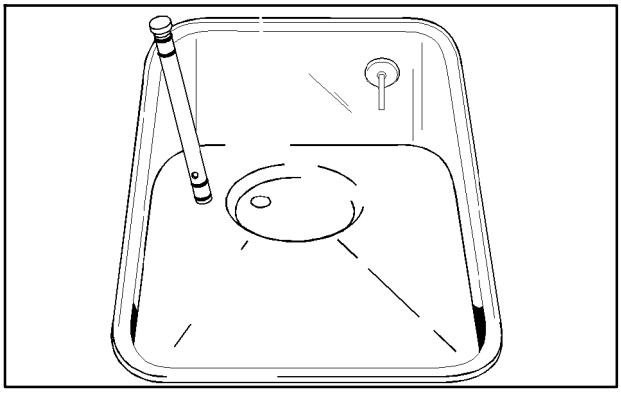


Figure 35

Repeat steps 1 through 9 for the shake side of the freezer.

Priming

Step 1
With a pail beneath the door spout, open the draw handle. Be sure the prime plug is still in the UP position (soft serve side only). Pour two gallons (7.6 liters) of fresh mix into the mix hopper and allow it to flow into the freezing cylinder. This will force out any remaining sanitizing solution. When full strength mix is flowing from the door spout, close the draw handle.

Note: Use only **fresh** mix when priming the freezing cylinder.

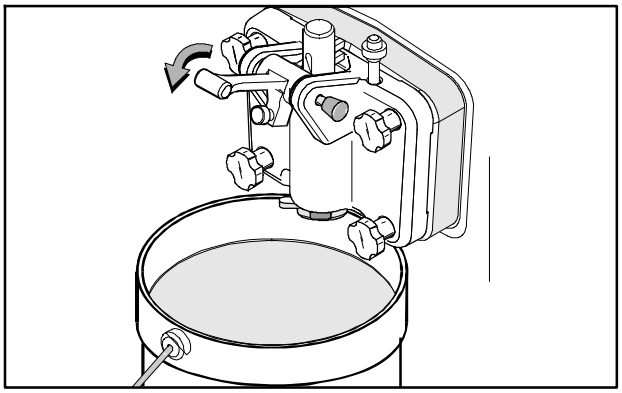


Figure 36

Step 2
Once a **steady** stream of mix starts to flow from the prime plug opening in the bottom of the freezer door, push down the prime plug (soft serve only).

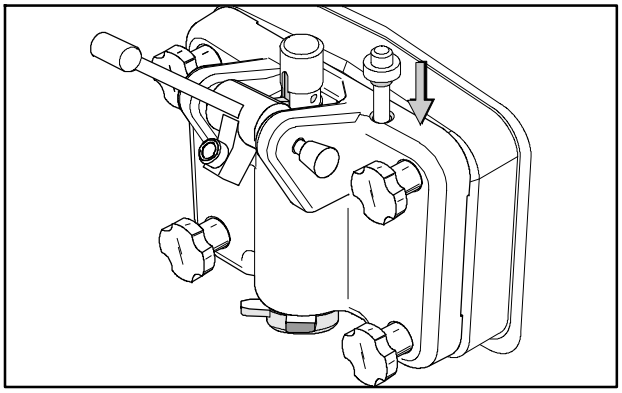


Figure 37

Step 3
Lubricate the o-rings on the air tube on the end with the small hole on the side (soft serve only).

Step 4
Install the air tube (the end with the hole) with the air orifice installed into the mix inlet hole in the mix hopper (soft serve only).

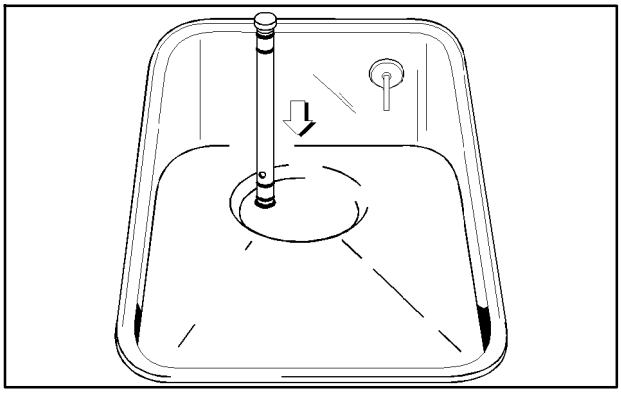


Figure 38

Step 5
Press the AUTO key. The AUTO light will come on indicating the main refrigeration system is operating. When the unit cycles off, the product will be at serving viscosity.

Note: The MIX REF light will come on, indicating the mix refrigeration system is operating to maintain the mix in the mix hopper.

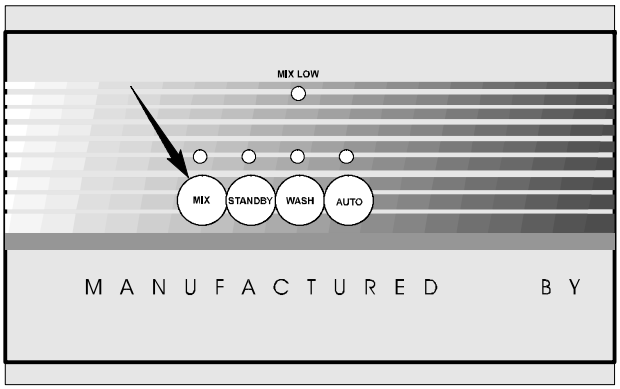


Figure 39

Step 6
Fill the hopper with mix. As the mix level comes in contact with the mix level sensing probe on the rear wall of the hopper, the MIX LOW light will shut off.

Step 7
Place the mix hopper cover in position over the mix hopper.

Repeat steps 1 through 7 for the other side of the freezer.

Closing Procedure

To disassemble your unit, the following items will be needed:

- Two cleaning pails
- Sanitized stainless steel rerun can with lid
- Necessary brushes (provided with freezer)
- Cleaner
- Single service towels

Draining Product From The Freezing Cylinder

Step 1
Press the AUTO key, cancelling compressor and beater motor operation.

Press the MIX REF key, cancelling the mix hopper refrigeration system.

Step 2
Remove the hopper cover, hopper gasket and air tube. Take these parts to the sink for cleaning.

Step 3
If local health codes permit the use of rerun, place a sanitized, NSF approved stainless steel rerun container beneath the door spout. Press the WASH key and open the draw handle. Drain the remaining product from the freezing cylinder and mix hopper. When the flow of product stops, press the WASH key and close the draw handle. Place the sanitized lid on the rerun container and place it in the walk-in cooler. (See page 5 for instructions regarding the proper use of rerun.)

Note: If local health codes DO NOT permit the use of rerun, the product must be discarded. Follow the instructions in the previous step, except drain the product into a mix pail and properly discard the mix.

Repeat steps 1 through 3 for the other side of the freezer.

ALWAYS FOLLOW LOCAL HEALTH CODES.

Rinsing

Step 1
Pour two gallons (7.6 liters) of **cool** clean water into the mix hopper. With the brushes provided, scrub the mix hopper, mix inlet hole and mix level sensing probe.

Step 2
With a pail beneath the door spout, (raise the prime plug – soft serve only) and press the WASH key.

Step 3
When a steady stream of rinse water is flowing from the prime plug opening in the bottom of the freezer door (soft serve only), open the draw handle. Drain all the rinse water from the freezing cylinder, close the draw handle and press the WASH key cancelling the WASH mode.

Repeat steps 1 through 3 for the shake side of the freezer.

Cleaning

Step 1
Prepare a pail of approved 100 PPM cleaning solution (examples: 2-1/2 gal. [9.5 liters] of Kay-5® or 2 gal. [7.6 liters] of Stera-Sheen®). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS.

Step 2
Push down the prime plug (soft serve only). Pour the cleaning solution into the mix hopper.

Step 3
While the solution is flowing into the freezing cylinder, brush clean the mix hopper, mix level sensing probe, and the mix inlet hole.

Step 4
Press the WASH key. This will cause the cleaning solution in the freezing cylinder to agitate.

Step 5
Place an empty pail beneath the door spout and raise the prime plug (soft serve only).

Step 6
When a steady stream of cleaning solution is flowing from the prime plug opening in the bottom of the freezer door (soft serve only), open the draw handle. Draw off all of the solution.

Step 7
Once the cleaner stops flowing from the door spout, close the draw handle and press the WASH key cancelling the WASH mode.

Repeat steps 1 through 7 for the other side of the freezer.

Disassembly

BE SURE THE POWER SWITCH IS IN THE OFF POSITION. MAKE SURE NO LIGHTS ARE LIT ON THE CONTROL PANEL.

Step 1
Remove the stud nuts, freezer door(s), beater(s), scraper blades, and drive shaft(s) from the freezing cylinder(s). Take these parts to the sink for cleaning.

Step 2
Remove the front drip tray and the splash shield.

Brush Cleaning

Step 1
Prepare a sink with an approved cleaning solution (examples: Kay-5® or Stera-Sheen®). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS. If another approved cleaner is used, dilute it according to the label instructions. (**IMPORTANT**: Follow the label directions. Too STRONG of a solution can cause parts damage, while too MILD of a solution will not provide adequate cleaning.) Make sure all brushes provided with the freezer are available for brush cleaning.

Step 2
Remove the seal(s) from the drive shaft(s).

Step 3
From the freezer door(s) remove:

- gasket(s)
- front bearing(s)
- pivot pin(s)
- adjustable draw handle(s)
- design cap(s)
- draw valve(s)
- prime plug

Remove all o-rings.

Note: To remove o-rings, use a single service towel to grasp the o-ring. Apply pressure in an upward direction until the o-ring pops out of its groove. With the other hand, push the top of the o-ring forward and it will roll out of the groove and can be easily removed. If there is more than one o-ring to be removed, always remove the rear o-ring first. This will allow the o-ring to slide over the forward rings without falling into the open grooves.

Step 4
Remove the o-rings from the air tube and air orifice (soft serve only).

Step 5
Return to the freezer with a small amount of cleaning solution. Brush clean the rear shell bearing(s) at the back of the freezing cylinder(s) with the black bristle brush.

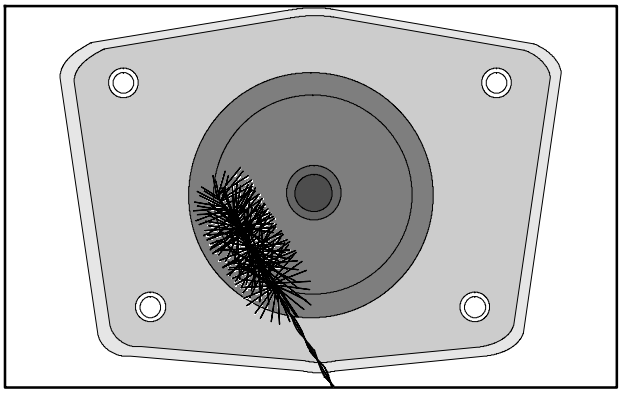


Figure 40

Step 6
Remove the rear drip pan(s) and take to the sink for cleaning.

Note: If the drip pan is filled with an excessive amount of mix, refer to the Troubleshooting Guide.

Step 7
Thoroughly brush clean all disassembled parts in the cleaning solution making sure all lubricant and mix film is removed. Take particular care to brush clean the draw valve core(s) in the freezer door. Place all the cleaned parts on a clean, dry surface to air dry overnight.

Step 8
Wipe clean all exterior surfaces of the freezer.

Section 7 Important: Operator Checklist

During Cleaning and Sanitizing

ALWAYS FOLLOW LOCAL HEALTH CODES.

Cleaning and sanitizing schedules are governed by federal, state, or local regulatory agencies, and must be followed accordingly. If the unit has a "Standby mode", it must not be used in lieu of proper cleaning and sanitizing procedures and frequencies set forth by the ruling health authority. The following check points should be stressed during the cleaning and sanitizing operations.

CLEANING AND SANITIZING MUST BE PERFORMED DAILY.

Cleaning and sanitizing schedules are governed by your State or local regulatory agencies and must be followed accordingly. The following check points should be stressed during the cleaning and sanitizing operations.

Troubleshooting Bacterial Count

☐ 1. Thoroughly clean and sanitize machine regularly, including complete disassembly and brush cleaning.

☐ 2. Use all brushes supplied for thorough cleaning. The brushes are specially designed to reach all mix passageways.

☐ 3. Use the white bristle brush to clean the mix inlet hole which extends from the mix hopper down to the rear of the freezing cylinder.

☐ 4. Use the black bristle brush to thoroughly clean the rear shell bearing located at the rear of the freezing cylinder. Be sure to have a generous amount of cleaning solution on the brush.

☐ 5. IF LOCAL HEALTH CODES PERMIT THE USE OF RERUN, make sure the mix rerun is stored in a sanitized, covered stainless steel container and used the following day. **DO NOT prime the machine with rerun.** When using rerun, skim off the foam and discard. Mix the rerun with fresh mix in a ratio of 50/50 during the days operation.

☐ 6. On a designated day of the week, run the mix as low as feasible and discard it after closing. This will break the rerun cycle and reduce the possibility of high bacteria and coliform counts.

☐ 7. Properly prepare the cleaning and sanitizing solutions. Read and follow label directions carefully. Too strong of a solution may damage the parts and too weak of a solution will not do an adequate job of cleaning or sanitizing.

☐ 8. The temperature of the mix in the mix hopper and walk-in cooler should be below 40°F. (4.4°C.).

Regular Maintenance Checks

☐ 1. Replace scraper blades that are nicked or damaged. Before installing the beater assembly, be certain that scraper blades are properly attached to the helix or pins.

☐ 2. Check the rear shell bearing for signs of wear (excessive mix leakage in rear drip pan) and be certain it is properly cleaned.

☐ 3. Using a screwdriver and cloth towel, keep the rear shell bearing and the female drive socket clean and free of lubricant and mix deposits.

☐ 4. Dispose of o-rings and seals if they are worn, torn, or fit too loosely, and replace with new ones.

☐ 5. Follow all lubricating procedures as outlined in "Assembly".

☐ 6. If your machine is air cooled, check the condensers for accumulation of dirt and lint. Dirty condensers will reduce the efficiency and capacity of the machine. Condensers should be cleaned **monthly** with a soft brush. **Never** use screwdrivers or other metal probes to clean between the fins.
Note: For machines equipped with an air filter, it will be necessary to vacuum clean the filters on a monthly schedule.

CAUTION: Always disconnect electrical power prior to cleaning the condenser. Failure to follow this instruction may result in electrocution.

☐ 7. If your machine is equipped with an auxiliary refrigeration system, check the auxiliary condenser for accumulation of dirt and lint. Dirty condensers will reduce the refrigeration capacity of the mix hopper. Condensers must be cleaned **monthly** with a soft brush. **Never** use screwdrivers or other metal probes to clean between the fins.

CAUTION: Always disconnect electrical power prior to cleaning the condenser. Failure to follow this instruction may result in electrocution.

☐ 8. If your machine is water cooled, check the water lines for kinks or leaks. Kinks can occur when the machine is moved back and forth for cleaning or maintenance purposes. Deteriorated or cracked water lines should be replaced only by an authorized Taylor distributor.

Winter Storage

If the place of business is to be closed during the winter months, it is important to protect the freezer by following certain precautions, particularly if the building is subject to freezing conditions.

Disconnect the freezer from the main power source to prevent possible electrical damage.

On water cooled freezers, disconnect the water supply. Relieve pressure on the spring in the water valve. Use air pressure on the outlet side to blow out any water remaining in the condenser. **This is extremely important.** Failure to follow this procedure may cause severe and costly damage to the refrigeration system.

Your local Taylor Distributor can perform this winter storage service for you.

Wrap detachable parts of the freezer such as beater, blades, drive shaft, and freezer door, and place them in a protected dry place. Rubber trim parts and gaskets can be protected by wrapping them with moisture-proof paper. All parts should be thoroughly cleaned of dried mix or lubrication which attract mice and other vermin.

Section 8 Troubleshooting Guide

PROBLEM	PROBABLE CAUSE	REMEDY	PAGE REF.
1. No product is being dispensed with draw valve open and the machine in the AUTO mode.	a. Freeze-up in mix inlet hole.	a. Call service technician to adjust the mix hopper temperature.	---
	b. Beater motor out on reset.	b. Reset the freezer.	13
	c. The beater is rotating counterclockwise from the operator end.	c. Contact service technician to correct rotation to clockwise from operator end.	---
	d. The circuit breaker is off or the fuse is blown.	d. Turn the breaker on, or replace the fuse.	---
	e. There is inadequate mix in the mix hopper.	e. Fill the mix hopper with mix.	23
	f. The air orifice is not installed (soft serve only).	f. Install air orifice in air tube.	23
2. The product is too stiff.	a. The viscosity needs adjustment.	a. Contact service technician.	---
	b. The air orifice is not installed (soft serve only).	b. Install air orifice in air tube.	23
3. The product is too soft.	a. Viscosity needs adjustment.	a. Contact service technician.	---
	b. Not enough air space around unit. (Air cooled units)	b. Allow for adequate air flow across the condenser.	2
	c. Worn scraper blades.	c. Replace regularly.	30
	d. Dirty condenser (A/C)	d. Clean monthly.	26
	e. Mix is out of date.	e. Use only fresh mix.	---
	f. Loss of water. (W/C)	f. Locate cause of water loss and correct.	27
4. The mix in the mix hopper is too cold.	a. The temperature is out of adjustment.	a. Call service technician to adjust the mix hopper temperature.	---
5. The mix in the mix hopper is too warm.	a. The temperature is out of adjustment.	a. Call service technician to adjust the mix hopper temperature.	---
	b. The mix hopper cover is not in position.	b. Place the cover in position.	23
	c. The MIX REF light is not lit.	c. Press the MIX REF key.	13

PROBLEM	PROBABLE CAUSE	REMEDY	PAGE REF.
6. The drive shaft is stuck in the drive coupling.	a. Rounded corners of drive shaft, coupling, or both.	a. Call service technician to correct cause, and to replace the necessary components. Do not lubricate the hex end of the drive shaft.	---
	b. Mix and lubricant collected in the drive coupling.	b. Brush clean the rear shell bearing area regularly.	25
7. The freezing cylinder walls are scored.	a. The beater assembly is bent.	a. Call service technician to repair or replace the beater and to correct the cause of insufficient mix in the freezing cylinder.	---
	b. The front bearing is missing or worn on the freezer door.	b. Install or replace the front bearing.	16
8. Excessive mix leakage into the rear drip pan.	a. Missing or worn drive shaft seal on drive shaft.	a. Install or replace regularly.	15 / 30
	b. The rear shell bearing is worn.	b. Call service technician to replace rear shell bearing.	---
9. Excessive mix leakage from door spout.	a. Missing or worn draw valve o-rings.	a. Install or replace regularly.	17 / 30
	b. Inadequate lubrication of draw valve o-rings.	b. Lubricate properly.	17
	c. Wrong type of lubricant is being used (example: petroleum base lubricant).	c. Use the proper lubricant (example: Taylor Lube).	15
10. No freezer operation after pressing the AUTO key.	a. Unit is unplugged.	a. Plug into wall receptacle.	---
	b. The circuit breaker is off or the fuse is blown.	b. Turn the breaker on, or replace the fuse.	---
	c. The beater motor is out on reset.	c. Reset the freezer.	13
11. Product is not feeding into the freezing cylinder.	a. Inadequate level of mix in the mix hopper.	a. Fill the mix hopper with mix.	23
	b. The mix inlet hole is frozen up.	b. The mix hopper temperature needs adjustment. Call service technician.	---
	c. The air tube is installed incorrectly.	c. Install the air tube in the mix inlet hole, using the end with the small hole in the side.	23
	d. The air orifice is not installed (soft serve).	d. Install the air orifice in the air tube.	23

Section 9 Parts Replacement Schedule

PART DESCRIPTION	EVERY 3 MONTHS	EVERY 6 MONTHS	ANNUALLY
Drive Shaft Seal	X		
*Scraper Blade (Soft Serve)	X		
Freezer Door Gasket	X		
Front Bearing	X		
Draw Valve O-Ring	X		
Pivot Pin O-Ring	X		
Prime Plug O-Ring	X		
Air Tube O-Ring	X		
Air Orifice O-Ring	X		
White Bristle Brush, 3" x 7"		Inspect & Replace if Necessary	Minimum
White Bristle Brush, 1" x 2"		Inspect & Replace if Necessary	Minimum
Black Bristle Brush, 1" x 2"		Inspect & Replace if Necessary	Minimum
Double-Ended Brush		Inspect & Replace if Necessary	Minimum

*Shake scraper blade replacement is every four months.

HP-62 REFRIGERANT

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
ADAPTOR A.-CASTER	X18915	4	103		
BEARING-FRONT	050216	1	000	SOFT SERVE	
BEARING-FRONT	013116	1	000	SHAKE	
BEARING-REAR SHELL *NICK.PLATE	031324	2	000		
+GUIDE-DRIP SEAL	028992	2	000		
+NUT-BRASS BEARING	028991	2	000		
+WASHER-BEARING LOCK	012864	2	000		
BEATER A.-3.4QT-HELICORE	X31761	1	103	SOFT SERVE	
+BLADE-SCRAPER-PLASTIC 17L	035174	2	000		
BEATER A.-7QT-1 PIN-SUPPORT	X46233	1	103	SHAKE	
+BLADE-SCRAPER-PLASTIC 9-13/16L	046237	2	000		
+CLIP-SCRAPER BLADE*8.75 INCH*	046238	2	103		
BELT-AX39	023874	2	000	SOFT SERVE	
BELT-AX41	023876	1	000	SHAKE	
BLOCK-TERMINAL 2P-L1,L2	039422	2	103	208-240/60/1	
BLOCK-TERMINAL 3P-L1,L2	039423	2	103	208-240/60/3	
BLOWER A.	X53725-27	1	103		
BOOT-CAPACITOR INSULATING	031314	1	000		
CAPACITOR-RUN 7.5UF/370V	034749	1	103		
MOTOR-FAN 208-230V 50/60 HZ	053481-27	1	103		
BOARD-LOGIC-GEN 2.10-W/SEL DI	X36641SER2	2	212	REPLACES X36641SER1	
BOARD-POWER-GEN 1 & 2	X32326-SER	2	212	S/N K9105773 & UP	
BOARD-PWR/RLY-GEN 1&2 SHAKE	X34983-SER	*	212	SHAKE S/N K9105771 & PRIOR	
BOARD-POWER-GEN 1 & 2	X32326-SER	*	212	SOFT SERVE S/N K9105771 & PRIOR	
BRUSH-DOUBLE ENDED-PUMP&FEED T	013072	1	000		
BRUSH-DRAW VALVE 1-1/2"OD X 3"	014753	1	000		
BRUSH-MIX PUMP BODY-3"X7"WHITE	023316	1	000		
BRUSH-REAR BRG 1IN.DX2IN.LGX14	013071	1	000		
CABLE-RIBBON-PWR/RELAY-60 IN	032445	2	103	LOGIC TO POWER BOARD	
CAP-DESIGN-1.010"ID-6 POINT	014218	1	000	SOFT SERVE - J9037236/UP	
CASTER-SWV 5/8 STEM 4IN WHEEL	018794	4	103		

+ Available Separately

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
COMPRESSOR M63B203BBCB-BRISTOL	062274-27	1	512	S/N K7045455 & UP / 208-230/60/1 SHAKE	
+CAPACITOR-RUN 40MF/440V	036049	1	103		
+CAPACITOR-START 145-175UF/250V	052399	1	103		
+RELAY-START-COMPRESSOR	062365	1	103		
COMPRESSOR L64A113BBCA-BRISTOL	048259-27E	1	512	S/N K7045455 & UP / 208-230/60/1 SOFT SERVE	
+CAPACITOR-RUN 25UF/440V	037431	1	103		
+CAPACITOR-START 189-227UF/330V	033044-1	1	103		
+RELAY-START-COMPRESSOR	062363	1	103		
COMPRESSOR M63B203DBDB	062274-33	1	512	208-230 60HZ 3PH - SHK	
COMPRESSOR L63A113DBLA	048259-33	1	512	208-230 60HZ 3PH - SS	
COMPRESSOR TL3G-R134A - DANFOSS	047701-27	1	512	208-230/60/1 *ALSO KIT X47701SER2	
+CAPACITOR-START 60UF-220/275V	047703	1	103		
+COVER-TERMINAL-COMPRESSOR	047739	1	103		
+KIT-MOUNTING-COMPRESSOR	047704	1	103		
+RELAY-START-COMPRESSOR-TL3G	047702-27	1	103		
COMPRESSOR-CS18K6E - COPELAND	052397-	*	512	SOFT SERVE - J9037236/J7045454	140
+CAPACITOR-RUN 35UF/370V	029439	*	103	208-230/60/1	140
+CAPACITOR-START-216-259UF/250V	031304	*	103	208-230/60/1	140
+RELAY-START-COMPRESSOR	052401-27	*	103	208-230/60/1	140
COMPRESSOR-CS14K6E- COPELAND	052396-	*	512	SHAKE - J9037236/J7045454	140
+CAPACITOR-RUN- 35UF/370V	029439	*	103	208-230/60/1	140
+CAPACITOR-START-189-227UF/250V	053106	*	103	208-230/60/1	140
+RELAY-START-COMPRESSOR	052401-27	*	103	208-230/60/1	140
COMPRESSOR L63A113BBCA - BRISTOL	048259-	*	512	SOFT SERVE - PRIOR TO J9037236	
+CAPACITOR-RUN- 20UF/440V	012906	*	103	208-230/60/1	
+CAPACITOR-START-161-193UF/250V	031790	*	103	208-230/60/1	
+RELAY-START-COMPRESSOR	038145	*	103	208-230/60/1	
COMPRESSOR-M65B163BBCA - BRISTOL	048258-	*	512	SHAKE - PRIOR TO J9037236	
+CAPACITOR-RUN- 25 UF/440V	037431	*	103	208-230/60/1	
+CAPACITOR-START-161-193UF/250V	031790	*	103	208-230/60/1	
+RELAY-START-COMPRESSOR	037430	*	103	208-230/60/1	
CONDENSER-AC 12LX18HX3.12T-5RW	055813-1	1	103	MAIN	
CONDENSER-AC 12LX18HX3.12T-5RW	055813-2	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
CONDENSER-AC-7X6X1.25-2 ROW	027155	1	103	SHR	
COUPLING-DRIVE 1/2 SQ. X 1-7/8	025997	1	103	SHAKE	
COUPLING-DRIVE 3/4 HEX X 1-7/8	012721	1	103	SOFT SERVE	
COVER-HOPPER *GRAY*	053809	2	103		
DECAL-CLEAN INST.-HOPPER	019029	1	000		
DECAL-DEC-TWIN-SS	032919	1	000		
DECAL-POWER SWITCH	032484	*	000	S/N J8080000 & PRIOR - SEE LABEL-SWITCH	132
DECAL-TROUBLESHOOTING	038374	1	000		
DEFLECTOR-BLOWER EXHAUST	047912	1	103	S/N K5090000 & UP REPLACES 046586	
DIAGRAM-WIRING *632*HP62*	049443-27	1	000	208-230 60HZ 1PH	
DIAGRAM-WIRING *632*HP62*	049443-33	1	000	208-230 60HZ 3PH	
DOOR A.-1 SPOUT-7 QT	X30272-SER	1	103	SHAKE	
+DECAL-LIFT PLATE FRONT	015200	1	000		
+VALVE A.-DRAW	X13624-SP	1	103		
+O-RING-1-1/16 OD X.139W	020571	2	000		
DOOR A.-1 SPOUT *VALOX*	X51531-10	1	103	SOFT SERVE	
+BEARING-FRONT	050216	1	000		
+GASKET-DOOR HT 4"-DOUBLE	048926	1	000		
+HANDLE A.-DRAW-ADJ.	X26996	1	103		
+O-RING-1/4 OD X .070W 50 DUR	015872	1	000		
+SCREW-ADJUSTMENT	026592	1	000		
+PIN A.-PIVOT	X22820	1	103		
+O-RING-5/16 OD X .070W	016272	1	000		
+PLUG-PRIME	028805	1	103		
+O-RING-3/8 OD X .070W	016137	2	000		
+VALVE A.-DRAW	X18303	1	103		
+O-RING-7/8 OD X .103W	014402	2	000		
DRYER-CAP. TUBE-HP62/R134A	047699	1	000		
DRYER-FILTER-HP62-3/8 X 1/4S	048901	2	000	MAIN	
DVD-OPS TRAIN VIDEO *632*	051565-DVD	1	000		
GASKET-DOOR 5.177ID X 5.938OD	016672	1	000	SHAKE	
GASKET-DOOR HT 4"-DOUBLE	048926	1	000	SOFT SERVE	
GEAR A.*REDUCER 4.21:1	021286-SER	2	212		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
GUIDE A.-DRIP PAN *632*	X28929	2	103		
HOOD *632*	049771-SP	*	103	K9083225 & Prior - 5/17/96 To 5/19/09 (ECN 109570)	
KIT A.-COMPRESSOR-DANFOSS	X47701SER2	1	512		
+DRYER-CAP. TUBE .026ID X 13FT	047699	1	000		
KIT A.-MOTOR-FAN	X62253-27	1	103	CONDENSER FAN MOTOR	
KIT A.-TUNE UP*440-441-444*	X33351	1	000	SHAKE	
BEARING-FRONT	013116	1	000		
GASKET-DOOR 5.177ID X 5.938OD	016672	1	000		
O-RING-.643 OD X .077W	018572	2	000		
O-RING-1-1/16 OD X.139W	020571	2	000		
O-RING-5/16 OD X .070W	016272	3	000		
SEAL-DRIVE SHAFT	032560	1	000		
TOOL- 0-RING REMOVAL	048260-WHT	1	000		
KIT A.-TUNE UP-1 SPOUT-NON HT	X49463-11	1	000	SOFT SERVE	
BEARING-FRONT	050216	1	000		
CAP-DESIGN-1.010"ID-6 POINT	014218	1	000		
GASKET-DOOR HT 4"-DOUBLE	048926	1	000		
O-RING-.643 OD X .077W	018572	4	000		
O-RING-3/8 OD X .070W	016137	3	000		
O-RING-5/16 OD X .070W	016272	1	000		
O-RING-7/8 OD X .103W	014402	2	000		
SEAL-DRIVE SHAFT	032560	1	000		
TOOL- 0-RING REMOVAL	048260-WHT	1	000		
KNOB-DRAW VALVE	013635	1	103		
+NUT-LOCK KNOB	013649	1	000		
LABEL-CK MTR ROTATE-CW-EN	020090	1	000	208-230V 60HZ 3PH	
LABEL-DOOR CAUTION	032749	1	000		
LABEL-SWITCH-POWER *OFF/ON* SYMBOL	052632	1	000	J8080000/UP	132
LABEL-WARM/COLD SYMBOL	013749	1	000		
LABEL-WARN-COVER	051433	6	000		
LABEL-WARN-CONDENSER-SHARP	059287	3	000		
LABEL-WARN-ELEC-TW-SMALL	032718	1	000		
LOUVER-SIDE	017471	*	103	S/N K9088327 & PRIOR - 5/17/96 To 5/19/09	

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
LUBRICANT-TAYLOR 4 OZ.	047518	1	000		
MAN-OPER 632	030049-M	1	000		
MOTOR-1.0 HP	013102-27	1	212	208-230V 60HZ 1PH - SHAKE	
MOTOR-1.5 HP	021522-27	1	212	208-230V 60HZ 1PH - SS	
MOTOR-1.0 HP	013102-33	1	212	208-230V 60HZ 3PH - SHAKE	
MOTOR-1.5 HP	021522-33	1	212	208-230V 60HZ 3PH - SS	
MOTOR-FAN 208-230V 50/60 HZ	053481-27	1	103	SEE BLOWER ASSEMBLY	
MOTOR-FAN 95.3 CFM 2700 RPM	062253-27	*	103	N/A SEE KIT-A. MOTOR-FAN - AUX - REPLACES 027309-27	
NUT-STUD *GENERAL USAGE*	021508	8	103	HAND SCREWS	
ORIFICE	022465-100	1	103	SHAKE	
+O-RING-3/8 OD X .070W	016137	1	000		
PAIL-MIX 10 QT.	013163	1	000		
PAN-DRIP 11-5/8 LONG	027503	2	103		
PANEL A.-FRONT*632*HP62	X49546	1	103		
PANEL-SIDE *632* RIGHT	067577	1	103	S/N K9088328 & UP	
PANEL-SIDE *632* LEFT	067578	1	103	S/N K9088328 & UP	
PANEL A.-SIDE *342*770C*LWR*L	X44853	*	103	S/N K9088327 & PRIOR - LEFT	
PANEL A.-SIDE *342*770C*LWR*R	X44855	*	103	S/N K9088327 & PRIOR - RIGHT	
PANEL-REAR*444*632S*(8)754*AC	053782	1	103	S/N K5090000 & UP	
PANEL-REAR	017563	*	103	S/N K5080000 & PRIOR	
PANEL-SERVICE	024439	1	103		
PANEL-UPPER SIDE L. *632*	028932	*	103	S/N K9088327 & PRIOR	
PANEL-UPPER SIDE R. *632*	028933	*	103	S/N K9088327 & PRIOR	
PLATE-DEC-754-755	032961	1	103		
POT-POTENTIOMETER AUTO FINE	036642	1	103	FINE TEMPERATURE ADJUSTMENT - SHAKE	
+KNOB-ALUMINUM	027422	1	103		
PROBE A.-MIX *SQUARE*	X30922	2	103		
PROBE A.-THERMISTOR	X31602	2	103	BARREL	
PROBE A.-THERMISTOR/RESISTOR	X50717	1	103	HOPPER	
PULLEY-2AK22 X .625-.6265	016403	1	103	BEATER MOTOR - SOFT SERVE	
PULLEY-2AK64-5/8 BORE	039695	1	103	GEAR - SOFT SERVE	
PULLEY-AK32 X .625-.6265	007471	1	103	BEATER MOTOR - SHAKE	

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
PULLEY-AK74	051013	1	103	GEAR - SHAKE	
RECEPTACLE A.-QUICK CONNECT	X33321	2	103	DRAW SWITCH	
RELAY-3 POLE-20A-208/240 50/60	066795-33	2	103	REPLACE 012725-33 10-5-09	
RELAY-SPDT-30 A-240 V	032607-27	1	103		
SANITIZER KAY-5 125 PACKETS	041082	1	000	CASE 125 PCKTS	
SHAFT-BEATER	032564	1	103	SOFT SERVE	
+SEAL-DRIVE SHAFT	032560	1	000		
SHAFT-BEATER	032790	1	103	SHAKE	
+SEAL-DRIVE SHAFT	032560	1	000		
SHELL A.-INSULATED*632*GEN 2	X67587-SP	1	512	S/N K9088326 & UP REPLACES X49788 & X49785	
+STUD-NOSE CONE	022822	8	103	SHELL CHANGED WITH WELDED HOOD	
SHELL A.-INSULATED	X49788	*	512	S/N K9088325 & PRIOR SHAKE	
STUD-NOSE CONE	022822	*	103		
SHELL A.-INSULATED	X49785	*	512	S/N K9088325 & PRIOR SS	
STUD-NOSE CONE	022822	*	103		
SHIELD-SPLASH	037041	1	103		
STARTER-1 PHASE 4 TO 6.5 AMP	066794-27J	1	103	208-230V 60HZ 1PH - SHAKE - REPLACES 041950-27K - NLA	
STARTER-1 PHASE 6.3 TO 10 AMP	066794-27K	1	103	208-230V 60HZ 1PH - SS - REPLACES 041950-27K - NLA	
STARTER-3 PHASE 2.5 TO 4 AMP	066794-33H	1	103	208-230V 60HZ 3PH - SHAKE - REPLACES 041950-33J	
STARTER-3 PHASE 4 TO 6.5 AMP	066794-33J	1	103	208-230V 60HZ 3PH - SS - REPLACES 041950-33J	
SWITCH A.-DRAW *632*MIX CAB	X33329-SER	1	103	SOFT SERVE	
ARM A.-DRAW VALVE *755 MC*	X33332	1	103		
BRACKET A.-SWITCH*755 MC*	X33330	1	103		
E-RING EXTERNAL 1/2	024908	2	000		
NUT-4-40 HEX -PLATED-	038623	2	000		
SCREW-4-40 X 5/8 RHM-ZP STEEL	027219	2	000		
SPRING-RETURN L.	023487	1	103		
SWITCH-LEVER-SPDT-10A-125-250V	028889	1	103		
SWITCH A.-DRAW*632*L	X49552-SER	1	103	SHAKE	
ARM A.-DRAW VALVE	X51677	1	103	REPLACES X49548	118

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
BRACKET A.-SWITCH	X51682	1	103	J7061461/UP	118
BRACKET A.-SWITCH	X33330	1	103	(OLD STYLE)	118
E-RING EXTERNAL 1/2	024908	2	000		
SCREW-4-40 X 5/8 RHM-ZP STEEL	027219	2	000		
SPRING-RETURN L.	023487	2	103		
SWITCH-LEVER-SPDT-10A-125-250V	028889	1	103		
SWITCH-PRESSURE 440 PSI-SOLDER	048230	2	103		
SWITCH-TOGGLE-4PDT*ON-NONE-ON	037394	1	103		
TRAY-DRIP 22-7/8L X 5-1/8W	014533	1	103		
TRIM-REAR CORNER L.	013761	1	103		
TRIM-REAR CORNER R.	013663	1	103		
TUBE A.-FEED-SS-5/32 HOLE DIA	X29429-2	1	103	SOFT SERVE	
+O-RING-.643 OD X .077W	018572	4	000		
TUBE-FEED-SHAKE-5/16 HOLE	028967-7	1	103	SHAKE	
VALVE-ACCESS 1/4FL X 1/4SOLDER	044404	1	103	SHR - REPLACED 029406 AS OF 6/20/97	
VALVE-ACCESS 1/4FL X 3/8SDR-90	044455	2	103	MAIN - LOW SIDE - 4/20/96 & UP	
VALVE-ACCESS-1/4 MFLX1/4 S-90	047016	2	103	MAIN - HIGH SIDE - 4/20/96 & UP	
VALVE-ACCESS-1/4MFL X 3/8ODSDR	053565	4	103		
VALVE-EPR 1/4S	022665	1	103	SHR	
VALVE-EXP-AUTO-1/4S X1/4 FPT	046365	2	103		
+BOOT-EXPANSION VALVE	050900	2	000		
WATER COOLED					
ACCUMULATOR-COPPER 2"DIA 10"	047062	1	103		
BLOWER-100 CFM	012796-27	1	103		
CLAMP-HOSE 3/4 ID CONST TENSN	067113	8	000		
CONDENSER-WC-COAX	048287	2	103		
GUARD-BLOWER	022505	1	103		
HOSE-RUBBER 1/2 ID X 7/8 OD	R50200	12'	000		
OUTLET A.-TEE	X25900	1	103		
PANEL-REAR	017563	1	103		
PIPE TEE 3/8-WATER VALVE-	032953	1	103		
SHIELD-SPLASH-WIRE 21-11/16	046170	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
SWITCH-PRESSURE 350 PSI	048231	2	103		
TRAY-DRIP 22-13/16 X 5-1/8	046171	1	103		
VALVE-WATER 3/8 REG/HEAD	046686	2	103		
50 HZ					
220-240V 50HZ 3PH					
220-240V 50HZ 1PH					
380-415V 50HZ 3N~ (4WIRE)					
BELT-AX39	023874	3	000	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
BLOCK-TERMINAL 3P L1,L2,L	039423	2	103	220-240V 50HZ 3PH	
BLOCK-TERMINAL 7P GREEN	024156	2	103	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
BLOCK-TERMINAL 2P L1,N	039421	1	103	220-240V 50HZ 1PH	
BLOCK-TERMINAL 4P L1,L2,L3,N	039424	1	103	380-415V 50HZ 3N~ (4WIRE)	
COMPRESSOR L63A113DBLA	048259-33	1	512	220-240V 50HZ 3PH	
COMPRESSOR M63B203DBDB	062274-33	1	512	220-240V 50HZ 3PH	
COMPRESSOR M63B203BBKB SHAKE	062274-40	1	512	220-240V 50HZ 1PH	
+CAPACITOR-RUN 35UF/370V	029439	1	103	220-240V 50HZ 1PH	
+CAPACITOR-START 189-227UF/33	033044-1	1	103	220-240V 50HZ 1PH	
+RELAY-START-COMPRESSOR	062366	1	103	220-240V 50HZ 1PH	
COMPRESSOR L63A113BBKA SOFT SERV	048259-40	1	512	220-240V 50HZ 1PH	
+CAPACITOR-RUN 25UF/370VAC	023739	1	103	220-240V 50HZ 1PH	
+CAPACITOR-START 161-193UF/25	031790	1	103	220-240V 50HZ 1PH	
+RELAY-START-COMPRESSOR	038146	1	103	220-240V 50HZ 1PH	
COMPRESSOR M63B203DBEB	062274-58	1	512	380-415V 50HZ 3N~ (4WIRE)	
COMPRESSOR L63A113DBEA	048259-58	1	512	380-415V 50HZ 3N~ (4WIRE)	
DIAGRAM-WIRING *632*HP62*	049443-35	1	000	220-240V 50HZ 3PH	
DIAGRAM-WIRING *632*HP62*	049443-40	1	000	220-240V 50HZ 1PH	
DIAGRAM-WIRING *632*HP62*	049443-58	1	000	380-415V 50HZ 3N~ (4WIRE)	
MOTOR-1.0 HP	013102-35	1	212	220-240V 50HZ 3PH - 380-415V 50HZ 3N~(4WIRE)	
MOTOR-1.5 HP	021522-35	1	212	220-240V 50HZ 3PH - 380-415V 50HZ 3N~(4WIRE)	
MOTOR-1.0 HP	013102-34	1	212	220-240V 50HZ 1PH	

+ Available Separately

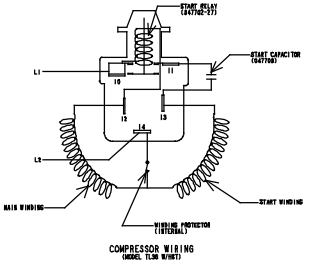
DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
MOTOR-1.5 HP CAPS@10&2 O'CLO	021522-34	1	212	220-240V 50HZ 1PH	
PANEL A.-FRONT *632*SYR*HP62	X49747	1	103	220-240V 50HZ 3PH W/SY RAIL	
PANEL A.-FRONT*632*HP62	X49546	1	103	220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
PANEL-SERVICE *632-SYR*	028989	1	103	220-240V 50HZ 3PH	
PANEL-SERVICE	024439	1	103	220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
PANEL-SIDE *632* LEFT	067578-SP1	1	103	220-240V 50HZ 3PH	
PANEL-SIDE *632* RIGHT	067577-SP1	1	103	220-240V 50HZ 3PH	
PANEL-SIDE *632* RIGHT	067577	1	103	220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
PANEL-SIDE *632* LEFT	067578	1	103	220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
PULLEY-2AK27 X .625-.6265	011545	1	103	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
PULLEY-AK34-5/8	016055	1	103	220-240V 50HZ 3PH - 380-415V 50HZ 3N~(4WIRE)	
PULLEY-AW62-5/8	007538	1	103	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
RELAY-3 POLE-20A-208/240	066795-33	1	103	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
SHIELD-SPLASH-WIRE 21-11/16	046170	1	103	220-240V 50HZ 3PH	
SHIELD-SPLASH	037041	1	103	220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	
STARTER-3 PHASE 2.5 TO 4	066794-33H	1	103	220-240V 50HZ 3PH	
STARTER-3 PHASE 4 TO 6.5 AMP	066794-33J	1	103	220-240V 50HZ 3PH	
STARTER-1 PHASE 4 TO 6.5 AMP	066794-27J	1	103	220-240V 50HZ 1PH	
STARTER-1 PHASE 6.3 TO 10 AMP	066794-27K	1	103	220-240V 50HZ 1PH	
TRAY-DRIP 22-13/16 X 5-1/8	046171	1	103	220-240V 50HZ 3PH	
TRAY-DRIP 22-7/8L X 5-1/8W	014533	1	103	220-240V 50HZ 3PH - 220-240V 50HZ 1PH - 380-415V 50HZ 3N~(4WIRE)	

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
OPTIONAL					
COVER-LIFT OFF W/PLAIN KNOB	028772	2	103		
FAUCET-CENTRAL 4 IN. CENT	016778	1	103		
+PLATE-FAUCET	016796	1	103		
HOOD *632* W/FAUCET HOLES	049771-SP1	1	103	FOR FAUCET OPTION	
JAR-3 QT. PLAS.	012875	3	103		
KIT A.-TUNE UP	X50603	1	000	FOR NATIONAL ACCOUNT	
BEARING-FRONT	050206	1	000		
BEARING-FRONT	013116	1	000		
CAP-DESIGN-1.010"ID-6 POINT	014218	1	000		
GASKET-DOOR 5.177ID X 5.938O	016672	1	000		
GASKET-DOOR HT 4"-DOUBLE	048926	1	000		
GASKET-DOOR-4" SHELL	038514	1	000		
O-RING-.643 OD X .077W	018572	4	000		
O-RING-1-1/16 OD X.139W	020571	2	000		
O-RING-3/8 OD X .070W	016137	3	000		
O-RING-5/16 OD X .070W	016272	1	000		
O-RING-7/8 OD X .103W	014402	2	000		
SEAL-DRIVE SHAFT	032560	2	000		
TOOL- 0-RING REMOVAL	048260-WHT	1	000		
LADLE-1 OZ.	024609	2	103		
PAN A.-DRIP-EXP.VLV	X50779	2	103		
PANEL A.-FRONT	X49747	1	103	INCLUDES NON HEATED SYRUP RAIL	
PANEL A.-SIDE *632*SYR*LEFT	X44853-SP1	1	103		
PANEL A.-SIDE *632*SYR*RIGHT	X44855-SP1	1	103		
PANEL-SERVICE *632-SYR*	028989	1	103		
PUMP-SYRUP PLAIN	012876	2	103		
PUMP-SYRUP CHOCOLATE	012877	1	103		
SPINNER A.-PANEL-SYRUP	X34372-27	1	103	STANDARD SPINNER	
SPINNER A.-PANEL-SYRUP-FLUTED	X3437227FL	1	103	FOR NATIONAL ACCOUNT	
DISC-SPINNER	013359	1	103		
EXTENSION-SPIN DISC	013483	1	103	FOR NATIONAL ACCOUNT	

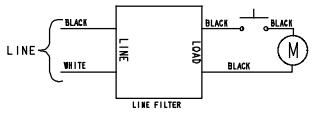
+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
FILTER-CORCOM 2VR1	032567	1	103		
HOOK-UPPER SPINNER	011173	1	103		
MOTOR-SPINNER MODEL 22-230	020101-27	1	103		
PLATE A.-SWITCH *SPINNER A.*	X34363	1	103		
PLATE-REAR UPPER	013835	1	103		
SCREW-SPINNER DISC	013660	1	103	STANDARD SPINNER	
SCREW-FLUTED SPINNER DISC	051431	1	103	FOR NATIONAL ACCOUNT	
SHIM-SWITCH	035515	1	103		
STUD-1/4-20 X 2 1/4 STL.ZP	020102	1	103		
SWITCH-SNAP-SPDT-20A/125-250	013192	1	103		
TUBE-VINYL 1/4ID X 1/16WALL	020941-48	2	000	FOR EXPANSION VALVE DRIP PAN	



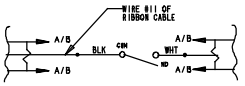
COMPRESSOR WIRING
(MODEL TLSN M1MT)

FIG. 2



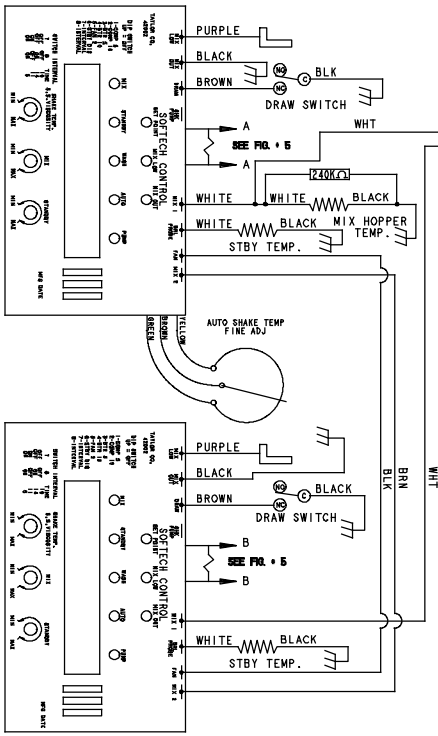
SPINNER MOTOR WIRING

FIG. 1



DOOR INTERLOCK SWITCH

FIG. 5



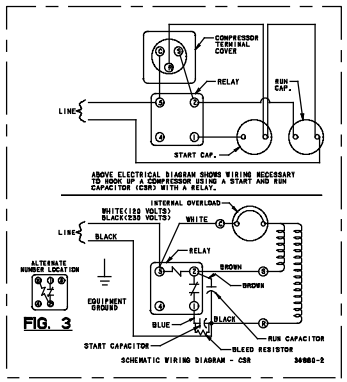
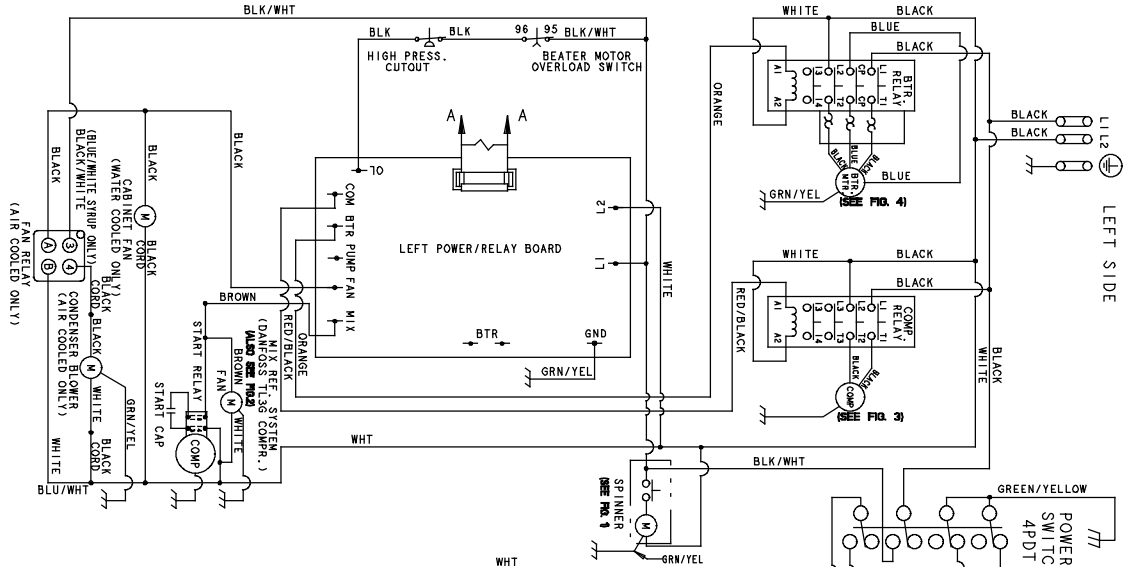


FIG. 3



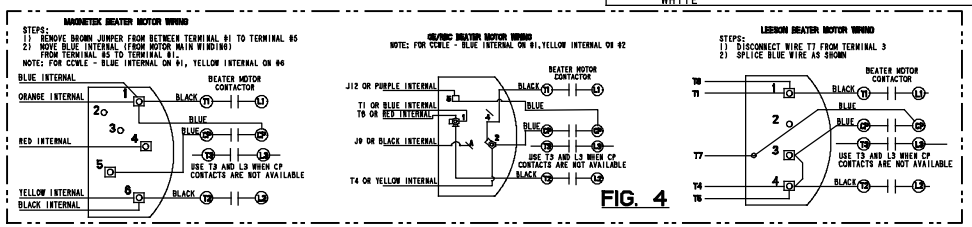

MAGNETEK BEATER MOTOR WIRING
STEPS:
1) REMOVE BROWN JUMPER FROM BETWEEN TERMINAL #1 TO TERMINAL #5
2) MOVE BLUE INTERNAL (FROM MOTOR MAIN WINDING) FROM TERMINAL #5 TO TERMINAL #1.
NOTE: FOR CCMLE - BLUE INTERNAL ON #1, YELLOW INTERNAL ON #6
BLUE INTERNAL
ORANGE INTERNAL
RED INTERNAL
YELLOW INTERNAL
BLACK INTERNAL
BEATER MOTOR CONTACTOR
BLACK
BLUE
USE T3 AND L3 WHEN CP CONTACTS ARE NOT AVAILABLE
GE/RSC BEATER MOTOR WIRING
NOTE: FOR CCMLE - BLUE INTERNAL ON #1, YELLOW INTERNAL ON #2
J12 OR PURPLE INTERNAL
T1 OR BLUE INTERNAL
T6 OR RED INTERNAL
J9 OR BLACK INTERNAL
T4 OR YELLOW INTERNAL
BEATER MOTOR CONTACTOR
BLACK
BLUE
USE T3 AND L3 WHEN CP CONTACTS ARE NOT AVAILABLE
LEESON BEATER MOTOR WIRING
STEPS:
1) DISCONNECT WIRE T7 FROM TERMINAL 3
2) SPLICE BLUE WIRE AS SHOWN
T8
T1
T7
T4
T6
BEATER MOTOR CONTACTOR
BLACK
BLUE
USE T3 AND L3 WHEN CP CONTACTS ARE NOT AVAILABLE

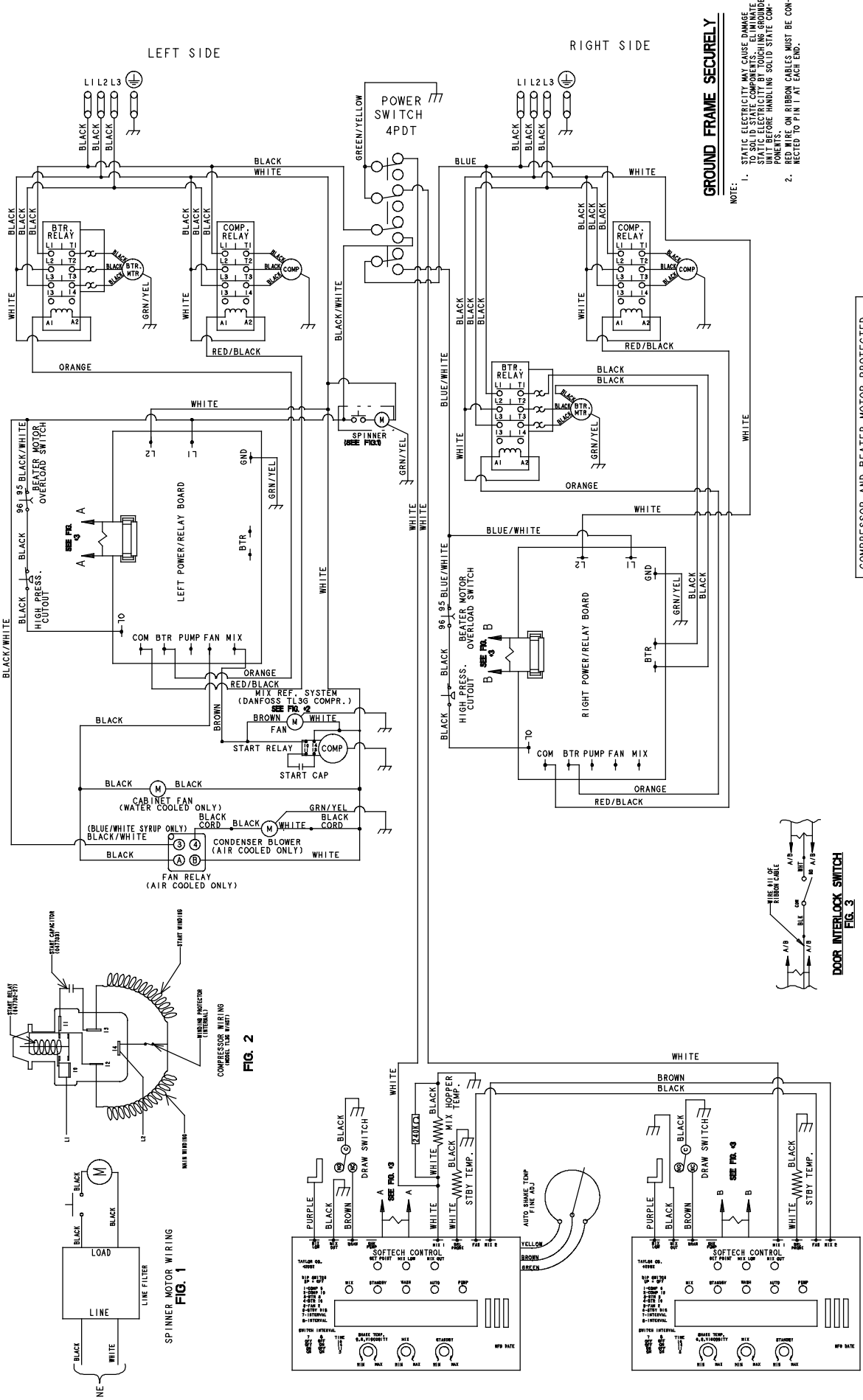
FIG. 4

GROUND FRAME SECURELY

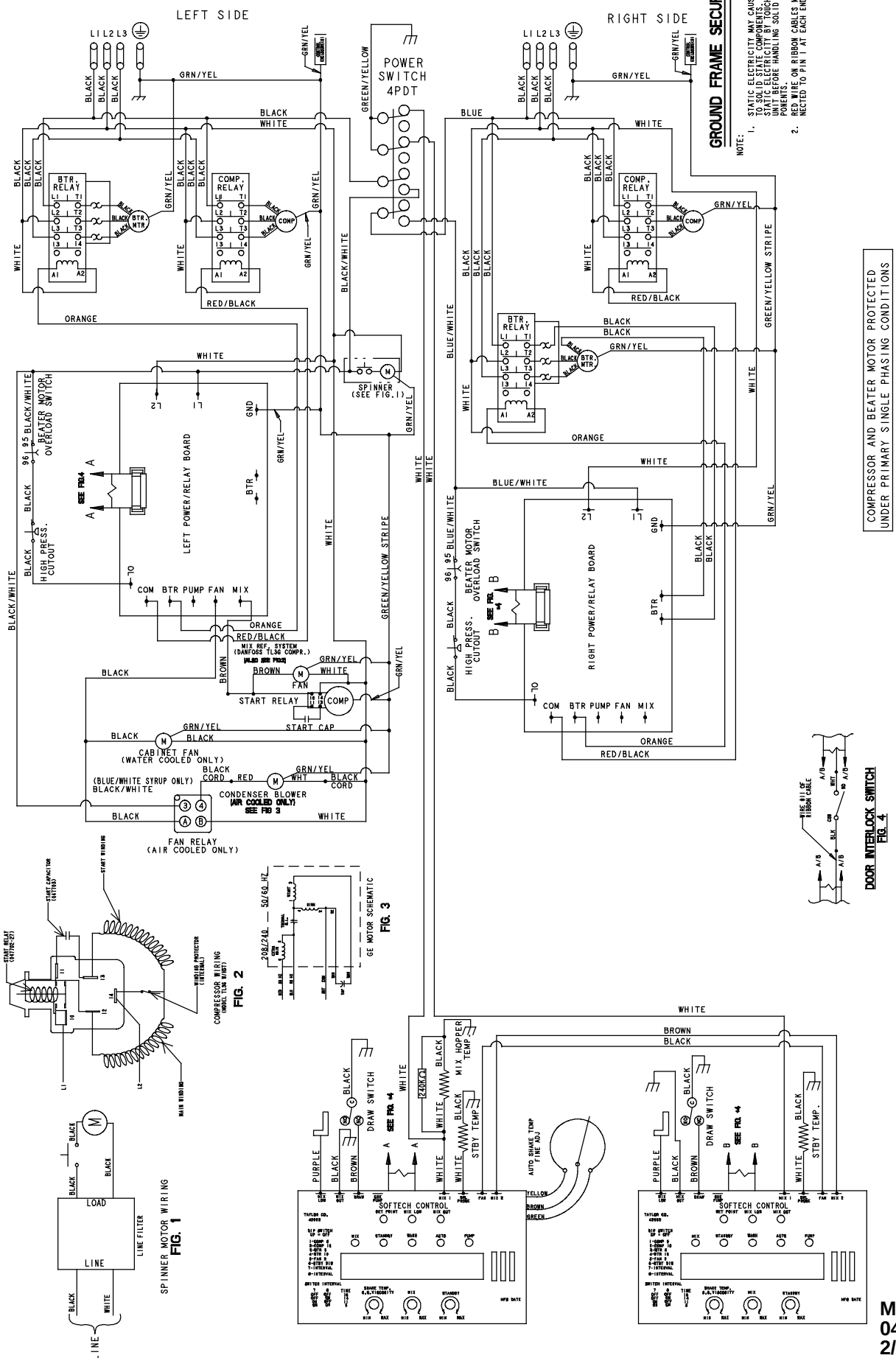
NOTE:

1. STATIC ELECTRICITY MAY CAUSE DAMAGE TO SOLID STATE COMPONENTS. ELIMINATE STATIC ELECTRICITY BY TOUCHING GROUNDED UNIT BEFORE HANDLING SOLID STATE COMPONENTS.
2. RED WIRE ON RIBBON CABLES MUST BE CONNECTED TO PIN 1 AT EACH END.

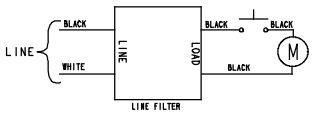
Model 632
049443-27
2/12



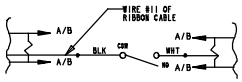
Model 632
049443-33
2/12



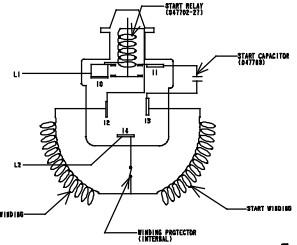
Model 632
049443-35
2/12



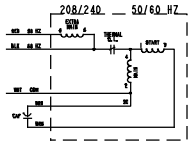
SPINNER MOTOR WIRING
FIG. 1



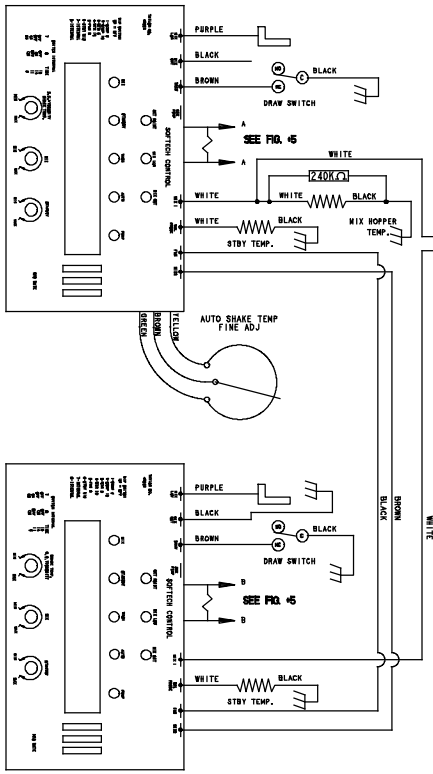
DOOR INTERLOCK SWITCH
FIG. 5



COMPRESSOR WIRING
(MODEL TL5S W/KIT)
FIG. 2



GE MOTOR SCHEMATIC
FIG. 6



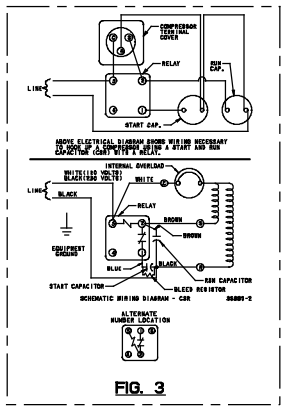


FIG. 3

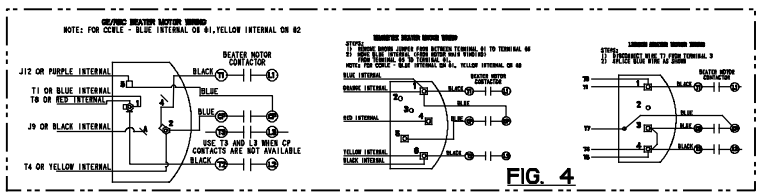
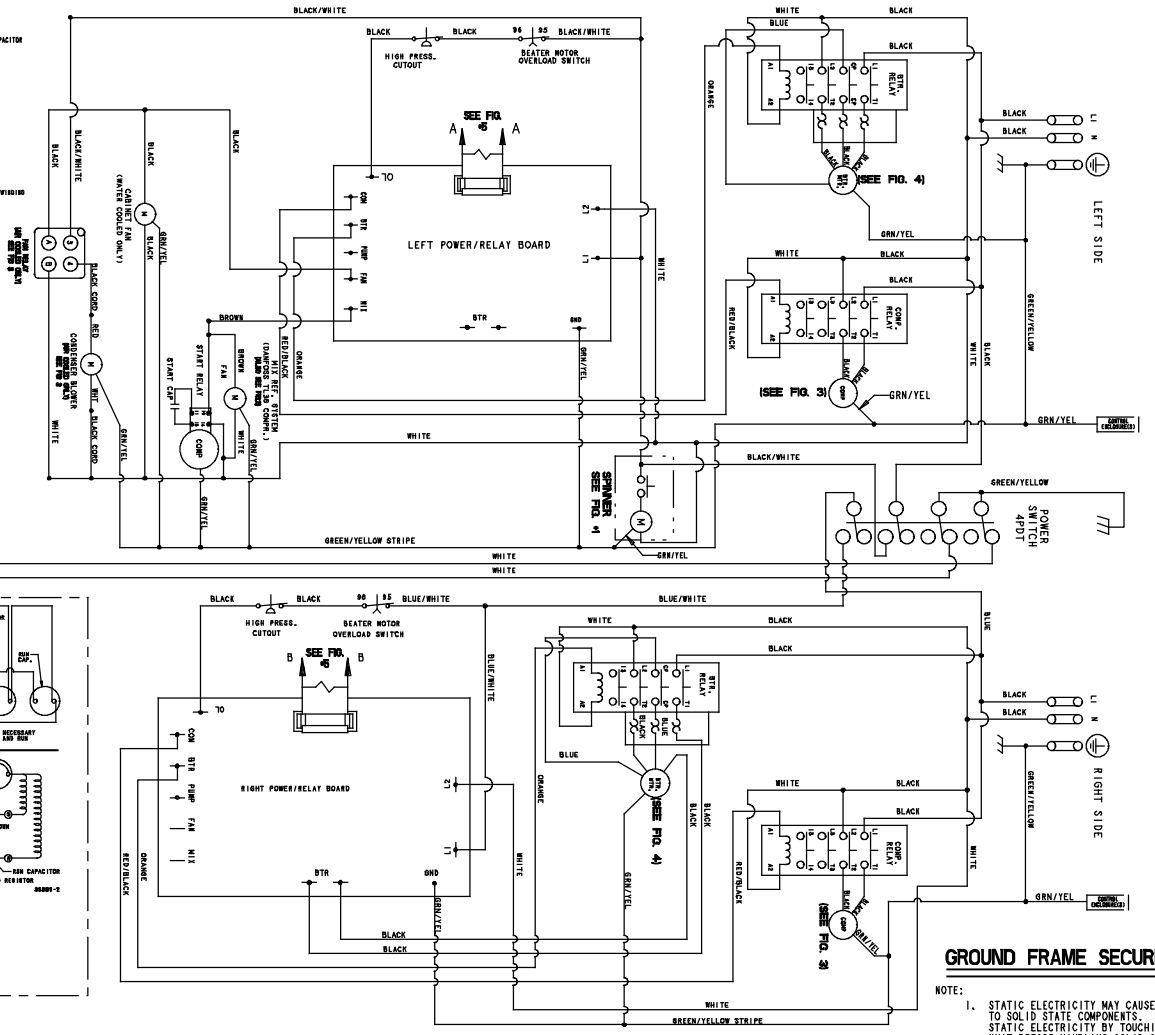

NOTE: FOR CODE - BLUE INTERNAL OR 81,YELLOW INTERNAL OR 82
BEATER MOTOR CONTACTOR
J12 OR PURPLE INTERNAL
T1 OR BLUE INTERNAL
T8 OR RED INTERNAL
J9 OR BLACK INTERNAL
T4 OR YELLOW INTERNAL
BLACK
BLUE
BLACK
USE T3 AND L3 WHEN CP CONTACTS ARE NOT AVAILABLE

FIG. 4

#632*220-240V*50 HZ*1PH*



GROUND FRAME SECURELY

NOTE:

1. STATIC ELECTRICITY MAY CAUSE DAMAGE TO SOLID STATE COMPONENTS. ELIMINATE STATIC ELECTRICITY BY TOUCHING GROUNDED UNIT BEFORE HANDLING SOLID STATE COMPONENTS.
2. RED WIRE ON RIBBON CABLES MUST BE CONNECTED TO PIN 1 AT EACH END.

MRS	06/24/96
KM	06/25/96
DE	06/25/96
TL	06/25/96

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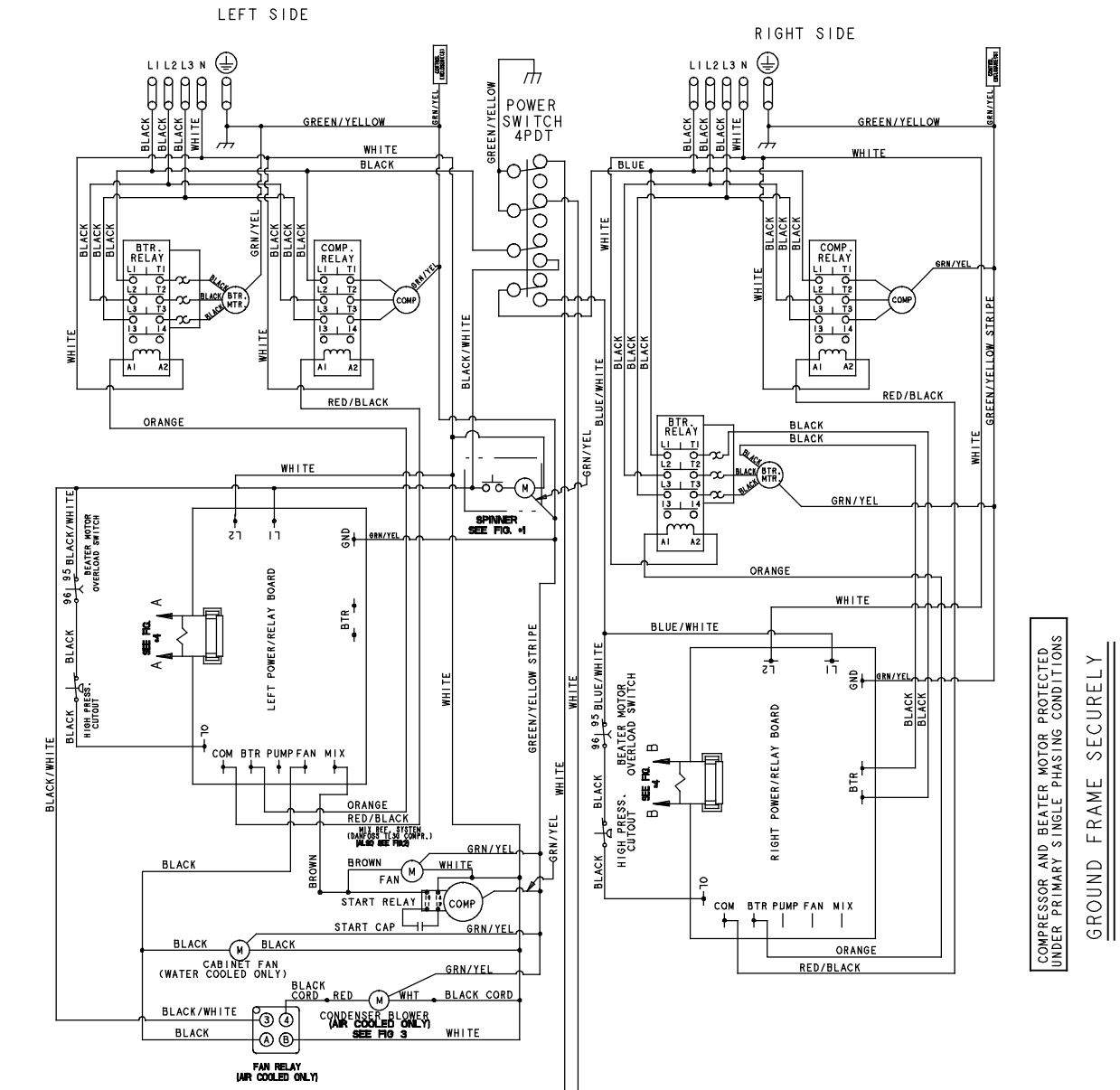

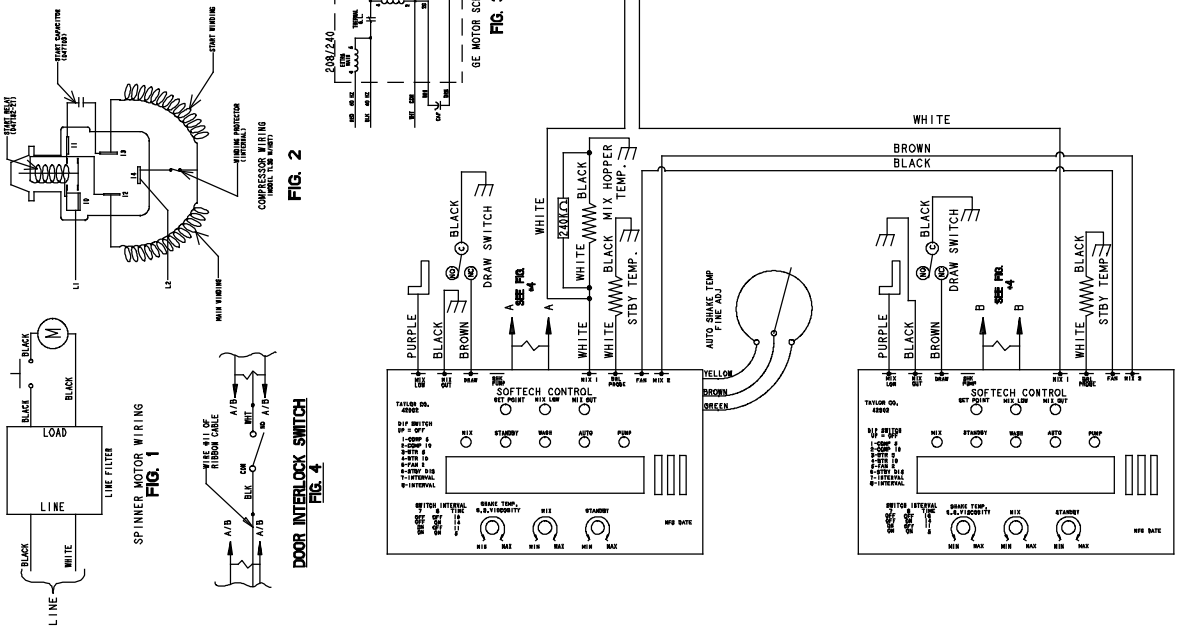

FIG. 2

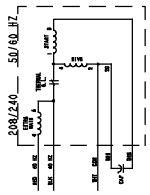

FIG. 3

SPINNER MOTOR WIRING
FIG. 1

DOOR INTERLOCK SWITCH
FIG. 4

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